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nchs MONTHLY VITAL STATISTICS REPORT

Provisional Data from the National Center for Health Statistics

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Births, Marriages, Divorces, and Deaths for January 1982

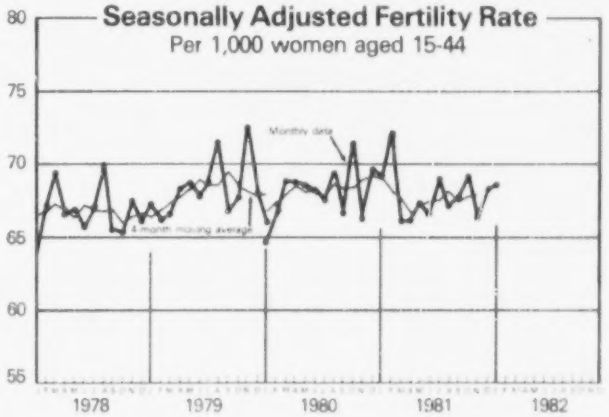
Births

During January 1982 there were an estimated 304,000 live births in the United States, nearly 1 percent more than occurred in January 1981. The birth rate was 15.5 live births per 1,000 population, about 1 percent below the rate for January 1981 (15.6). The fertility rate was 66.0 live births per 1,000 women aged 15-44 years; the seasonally adjusted rate was 68.4. These rates were each about 1 percent below the rates for January 1981 (66.4 for the fertility rate and 68.9 for the seasonally adjusted rate).

There were an estimated 3,648,000 live births during the 12-month period ending with January 1982, 1 percent more than the number occurring during the 12-month period ending 1 year earlier (3,622,000). The birth rate for this period was 15.9, the same as the rate recorded a year earlier. The fertility rate was 67.6, about 1 percent below the rate for the 12-month period ending with January 1981 (68.1).

Natural Increase

As a result of natural increase, the excess of births over deaths, 130,000 persons were added to the population during January 1982. The rate of natural increase for the 12-month period ending with January



Provisional Vital Statistics for the United States

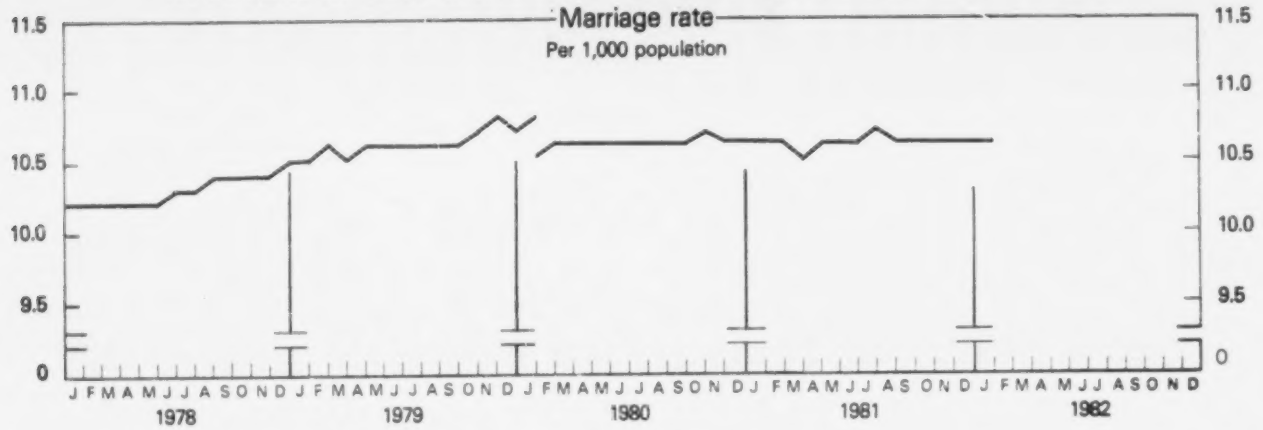
(Data are subject to monthly reporting variation; see Technical notes)

Item	January				12 months ending with January				
	Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	304,000	302,000	15.5	15.6	3,648,000	3,622,000	15.9	15.9	15.4
Deaths	174,000	196,000	8.9	10.1	1,965,000	2,008,000	8.6	8.8	8.5
Natural increase	130,000	106,000	6.6	5.5	1,683,000	1,614,000	7.3	7.1	6.9
Marriages	132,000	135,000	6.7	6.9	2,435,000	2,408,000	10.6	10.6	10.5
Divorces	91,000	97,000	4.7	5.0	1,213,000	1,191,000	5.3	5.2	5.2
Infant deaths	3,600	3,900	11.6	12.9	42,400	45,100	11.6	12.5	12.9
Population base (in millions)			230.5	228.3			229.5	227.3	224.8

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Public Health Service, Office of Health Research, Statistics, and Technology

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

1982 was 7.3 persons per 1,000 population, about 3 percent higher than the rate for the 12-month period ending with January 1981 (7.1).

Marriages

According to provisional reports 132,000 marriages occurred in January 1982, generating a marriage rate of 6.7 per 1,000 population.

In the 12 months ending with January there were 2,435,000 marriages, an increase of 27,000 over the total for the 12 months ending with January 1981. The 12-month rate, for the sixth consecutive month, was 10.6 per 1,000 population.

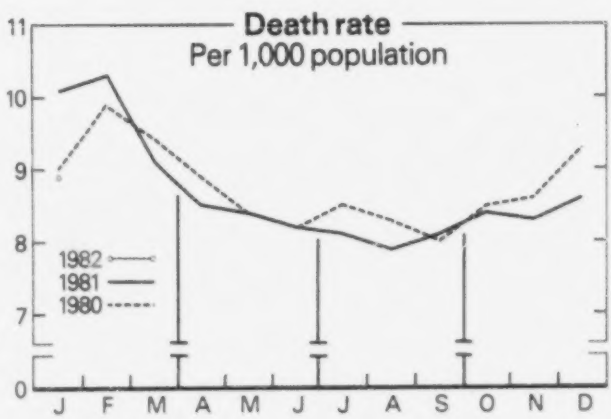
Divorces

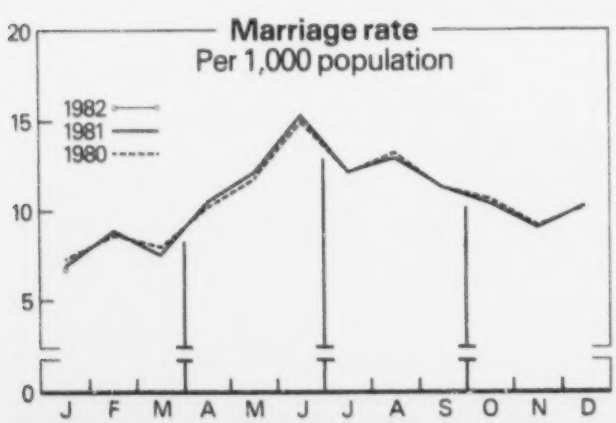
An estimated 91,000 divorces were granted in January 1982, yielding a rate of 4.7 per 1,000 population.

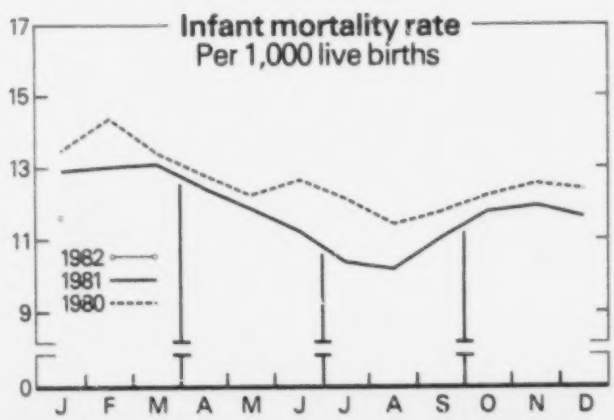
In the 12 months ending with January 1982 1,213,000 divorces were reported, 22,000 more than in the preceding 12 months. The 12-month divorce rate was 5.3 per 1,000 population, up 2 percent from the rate for the 12 months ending with January 1981.

Deaths

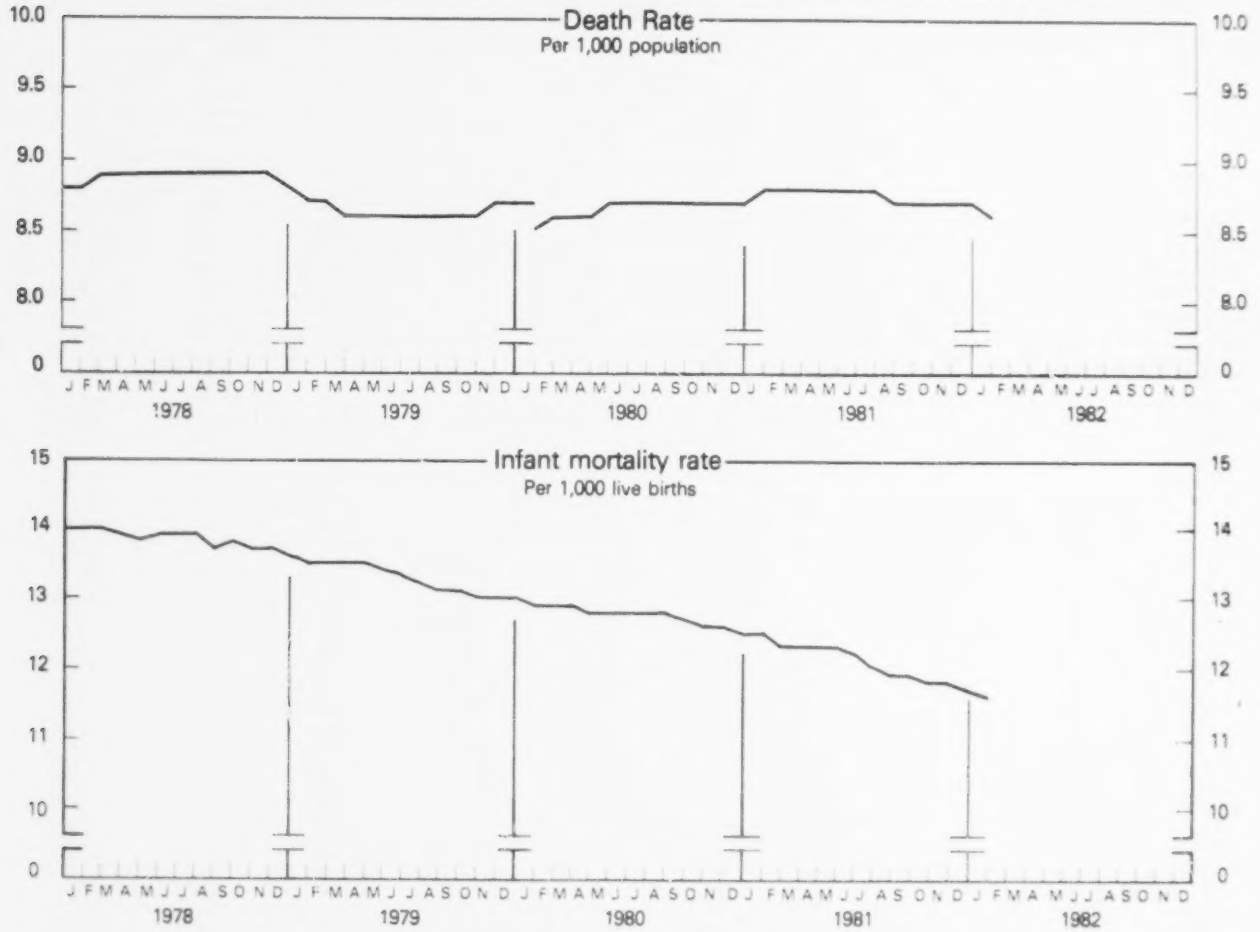
For January 1982 the provisional count of deaths totaled 174,000 amounting to a rate of 8.9 deaths per 1,000 population. The rate was 12 percent lower than the rate of 10.1 for January 1981 when there was an influenza epidemic. Among the 174,000 deaths for January 1982 were 3,600 deaths at ages under 1 year,







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

yielding an infant mortality rate of 11.6 deaths per 1,000 live births. This rate was 10 percent lower than the infant mortality rate of 12.9 for January 1981.

Deaths for 1981

The data by age and cause of death in this report are preliminary estimates based on a 10-percent sample of death certificates received for 1981. The provisional death rate for 1981 (866.4 deaths per 100,000 population) was lower than the death rate for 1980 (874.2 per 100,000). The decrease in the death rate between 1980 and 1981 reflects decreases in the provisional age-specific death rates for infants under 1 year and for ages 55 years and over.

The estimated death rates between 1980 and 1981 decreased for the following causes: Diseases of heart (2 percent), Cerebrovascular diseases (5 percent), Motor vehicle accidents (4 percent), All other accidents and adverse effects (6 percent), Chronic liver disease and cirrhosis (7 percent), and Leukemia (9 percent). The estimated death rate increased between 1980 and 1981 for the following causes: Malignant neoplasms of respiratory and intrathoracic organs (3 percent), Malignant neoplasm of breast (5 percent), Chronic obstructive pulmonary diseases and allied conditions (7 percent), and Ulcer of stomach and duodenum (20 percent).

The decrease in infant mortality (from 12.5 deaths per 1,000 live births for 1980 to 11.7 for 1981) reflects a 7-percent decrease in both the rate for infants under 28 days and the rate for infants aged 28 days to 11 months. The estimated death rate for infants under 28 days decreased from 8.4 deaths per 1,000 live births in 1980 to 7.8 for 1981; the estimated rate for infants aged 28 days to 11 months decreased from 4.2 to 3.9 deaths per 1,000 live births.

Table 1. Live births and marriages: each reporting area, January 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births			Marriages		
	January			January		
	1982	1981	1980	1982	1981	1980
New England	12,366	[a]13,180	[a]11,620	5,866	[a]4,276	4,658
Maine	1,010	1,231	1,222	513	742	459
New Hampshire	898	[a]1,170	[a]1,084	435	[a]522	497
Vermont	675	332	358	301	204	206
Massachusetts	6,560	7,162	5,685	3,201	1,525	2,316
Rhode Island	993	949	960	303	289	277
Connecticut	2,230	[a]2,336	2,311	1,113	[a]994	903
Middle Atlantic	46,959	35,016	36,224	19,637	17,910	14,877
New York[1]	25,568	15,270	16,799	11,339	10,270	6,041
New Jersey	7,913	6,216	5,339	2,841	2,245	2,067
Pennsylvania	13,478	13,530	14,086	5,457	5,395	6,769
East North Central	48,857	53,062	[a]52,576	18,456	18,376	18,420
Ohio	12,280	16,104	13,405	6,825	5,926	5,598
Indiana	4,136	4,887	5,459	1,767	1,910	1,922
Illinois	12,984	14,527	[a]14,813	5,576	6,212	6,566
Michigan	11,060	11,696	11,570	1,898	2,245	2,218
Wisconsin	7,397	5,848	7,329	2,390	2,083	2,116
West North Central	24,977	[a]22,353	[a]22,330	13,084	[a]8,498	[a]9,655
Minnesota	5,391	[a]4,735	[a]5,239	3,706	[a]1,376	[a]1,674
Iowa	3,769	3,865	3,694	1,461	1,290	1,278
Missouri	8,067	6,279	5,662	4,621	2,545	3,538
North Dakota	1,013	1,094	1,035	271	271	252
South Dakota	999	1,041	1,100	411	530	488
Nebraska	2,339	2,173	2,103	933	779	675
Kansas	3,399	3,166	3,407	1,681	1,707	1,750
South Atlantic	47,035	46,470	45,368	28,840	29,113	28,000
Delaware	736	760	825	258	233	196
Maryland	4,492	4,317	3,822	2,441	2,656	2,389
District of Columbia	1,648	1,976	1,345	316	353	374
Virginia	6,618	6,307	5,697	3,706	3,606	3,371
West Virginia	2,537	2,830	2,847	954	1,034	992
North Carolina	7,439	7,090	7,154	2,453	2,504	2,464
South Carolina	4,096	4,127	4,256	3,272	3,968	3,302
Georgia	7,525	7,846	8,625	6,470	7,177	5,476
Florida	11,944	11,217	10,797	8,970	7,582	9,436
East South Central	21,538	22,367	23,025	12,173	12,472	[a]12,672
Kentucky	5,825	6,013	6,239	1,902	3,407	2,919
Tennessee	5,763	6,237	6,595	3,915	3,678	[a]3,677
Alabama	5,870	5,869	5,711	4,406	3,757	4,110
Mississippi	4,080	4,248	4,480	1,950	1,630	1,966
West South Central	37,854	41,318	30,474	20,271	23,369	[a]22,880
Arkansas	1,742	1,986	1,656	1,149	1,135	991
Louisiana	8,658	8,763	6,818	3,156	3,808	[a]2,916
Oklahoma	3,883	4,364	4,513	2,824	2,793	3,044
Texas	23,571	26,205	17,487	13,142	15,633	15,929
Mountain	20,127	18,058	16,559	[2]7,638	[2]8,476	23,610
Montana	1,115	1,104	1,126	416	455	489
Idaho	1,569	1,746	1,505	903	1,153	584
Wyoming	673	570	551	321	364	235
Colorado	3,941	3,638	3,333	1,690	2,230	1,878
New Mexico[3]	2,232	2,165	1,321	1,093	1,139	1,184
Arizona[4]	4,411	4,389	4,166	2,123	2,235	2,153
Utah	4,191	3,201	3,574	1,092	900	865
Nevada	1,995	1,245	983	---	---	16,222
Pacific	36,979	41,124	33,305	12,271	[a]17,386	[a]22,129
Washington	1,145	1,240	1,369	2,090	1,934	2,036
Oregon	3,436	3,728	3,375	1,386	1,291	1,347
California	[5]29,961	[5]33,777	[5]26,121	7,302	[a]12,626	[a]17,594
Alaska	751	804	814	431	459	334
Hawaii	1,686	1,575	1,626	1,062	1,076	818
New York City[3]	9,840	9,282	9,366	3,610	3,755	3,497
Puerto Rico	4,041	4,769	---	1,977	2,157	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4-week reporting period.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, January 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)			Infant deaths (under 1 year)		
	January			January		
	1982	1981	1980	1982	1981	1980
New England	10,250	[a]9,754	9,109	173	[a]208	147
Maine	755	866	1,011	15	16	11
New Hampshire	728	729	407	18	10	12
Vermont	431	372	146	3	8	5
Massachusetts	5,613	4,317	4,380	73	121	72
Rhode Island	833	1,025	819	14	16	12
Connecticut	1,890	[a]2,445	2,346	50	[a]27	35
Middle Atlantic	32,752	34,648	30,055	521	509	551
New York[1]	16,162	15,967	14,550	317	279	256
New Jersey	5,750	6,011	4,708	35	71	79
Pennsylvania	10,840	12,670	10,797	169	159	216
East North Central	31,408	[a]36,858	32,565	576	[a]626	[a]692
Ohio	8,504	10,856	8,612	147	173	188
Indiana	3,034	3,930	3,773	50	44	75
Illinois	8,633	10,330	8,786	177	204	219
Michigan	6,613	[a]7,314	6,585	155	139	[a]137
Wisconsin	4,624	4,428	4,809	47	[a]66	73
West North Central	14,862	[a]14,813	[a]14,056	279	[a]350	[a]303
Minnesota	3,064	[a]2,759	[a]3,008	50	[a]58	[a]66
Iowa	2,414	2,798	2,468	29	37	41
Missouri	4,954	4,627	4,030	114	169	105
North Dakota	520	543	545	13	14	20
South Dakota	539	613	633	10	16	9
Nebraska	1,332	1,449	1,363	22	25	29
Kansas	2,039	2,024	[a]2,009	41	31	43
South Atlantic	30,131	[a]36,329	30,516	630	713	640
Delaware	451	[a]572	425	8	6	10
Maryland	2,949	3,350	2,771	49	45	34
District of Columbia	714	878	1,044	31	50	66
Virginia	3,939	4,391	3,659	74	82	61
West Virginia	1,667	2,232	1,816	33	32	36
North Carolina	4,480	5,363	4,206	112	93	102
South Carolina	2,250	2,384	2,096	57	61	65
Georgia	3,569	5,196	4,545	115	172	111
Florida	10,112	11,963	9,954	151	172	155
East South Central	12,642	14,566	12,498	311	313	341
Kentucky	3,134	3,900	3,152	77	65	60
Tennessee	3,856	4,362	3,985	91	88	116
Alabama	3,409	3,811	3,281	74	86	88
Mississippi	2,243	2,493	2,080	69	74	77
West South Central	17,202	19,905	16,163	475	[a]540	475
Arkansas	1,393	1,861	1,525	19	23	22
Louisiana	3,758	3,845	3,235	128	[a]112	125
Oklahoma	2,641	2,717	2,616	33	47	35
Texas	9,410	11,482	8,787	295	358	293
Mountain	7,787	8,130	6,909	224	197	207
Montana	523	625	608	6	12	11
Idaho	586	600	547	21	13	12
Wyoming	254	251	229	8	4	2
Colorado	1,635	1,844	1,635	39	36	30
New Mexico	829	1,059	725	17	34	28
Arizona	2,016	2,433	1,967	62	43	59
Utah	1,336	782	718	55	51	47
Nevada	608	535	480	16	4	18
Pacific	16,169	19,500	19,824	337	[a]435	[a]465
Washington	1,896	1,537	1,412	17	28	[a]16
Oregon	1,911	2,177	1,918	46	49	59
California[2]	11,725	15,124	15,833	255	[a]329	361
Alaska	144	156	143	2	10	10
Hawaii	493	506	518	17	19	19
New York City	6,395	7,927	7,398	159	202	169
Puerto Rico	1,300	1,476		84	67	

[1] Includes figures shown below for New York City.
[2] Figures are for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, January 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	January		
	1982	1981	1980
Total, 48 areas[1]	86,003	[a]93,038	[a]82,479
Alabama	2,128	1,988	2,069
Alaska	274	300	269
Arizona	1,755	1,659	1,635
Arkansas	891	1,434	1,222
California	5,000	[a]11,625	7,862
Colorado	1,365	1,168	384
Connecticut	739	[a]1,095	861
Delaware	160	105	214
District of Columbia	366	291	227
Florida	5,473	5,600	5,895
Georgia	2,546	3,953	2,844
Hawaii	371	415	380
Idaho	520	472	492
Illinois	2,858	4,145	4,170
Iowa	926	1,012	1,008
Kansas	968	1,060	[a]1,025
Kentucky	1,207	1,575	1,510
Maine	446	411	427
Maryland	919	1,014	1,134
Massachusetts	3,206	2,576	2,163
Michigan	2,529	2,516	2,703
Minnesota	1,168	[a]1,173	[a]1,291
Mississippi	1,128	1,442	1,181
Missouri	3,121	1,619	2,240
Montana	350	366	425
Nebraska	507	504	558
Nevada	993	452	1,043
New Hampshire	612	[a]476	[a]446
New Jersey	2,763	2,594	[a]2,229
New Mexico[2]	821	947	919
New York	8,723	7,371	1,748
North Carolina	1,734	1,892	2,007
North Dakota	166	176	161
Ohio	5,156	4,720	4,487
Oklahoma	1,739	1,938	1,941
Oregon	1,435	1,448	1,330
Pennsylvania	2,732	2,663	3,199
Rhode Island	---	337	361
South Carolina	986	1,022	987
South Dakota	211	251	265
Tennessee	2,690	2,724	2,298
Texas	8,812	7,635	8,051
Utah	648	645	695
Vermont	137	128	52
Virginia	1,497	1,766	1,719
Washington	1,806	1,645	1,950
West Virginia	577	1,052	872
Wisconsin	541	1,621	1,582
Wyoming	303	350	249

[1] Excludes figures for Rhode Island.
[2] Includes estimates for some counties.
[a] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, January 1981-January 1982

Period	Births			Marriages		
	Number	Rate per 1,000 women 15-44		Number	Rate per 1,000 women 15-44	
		Unadjusted	Seasonally adjusted[1]		Unadjusted	Seasonally adjusted[1]
1981:						
January	302,000	[a]66.4	[a]68.9	[a]135,000	[a]29.6	[a]44.6
February	288,000	[a]70.0	[a]71.8	[a]156,000	[a]37.9	[a]49.5
March	295,000	[a]64.8	[a]65.7	[a]147,000	[a]32.2	[a]39.4
April	279,000	[a]63.3	[a]65.6	[a]198,000	[a]44.9	[a]47.1
May	296,000	64.9	[a]67.1	235,000	[a]51.5	48.9
June	292,000	[a]66.1	[a]66.7	287,000	64.9	46.3
July	327,000	[a]71.4	68.7	237,000	51.8	[a]44.5
August	328,000	[a]71.5	[a]66.9	252,000	54.9	44.2
September	319,000	[a]71.9	[a]67.6	216,000	[a]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	68.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	132,000	28.6	43.1

[1]The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a]Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, December 1980 and 1981, and cumulative figures 1980 and 1981

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	December				January-December			
	1981		1980		1981		1980	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	16,520	8.6	18,002	9.3	196,590	8.7	198,038	8.7
Male	8,824	9.5	9,577	10.2	105,983	9.6	107,428	9.8
Female	7,696	7.8	8,425	8.5	90,607	7.8	90,610	7.8
White	14,467	8.8	15,619	9.4	172,135	8.8	172,972	8.9
Male	7,659	9.6	8,231	10.2	92,262	9.7	93,248	9.9
Female	6,808	8.1	7,388	8.7	79,873	8.0	79,724	8.0
All other	2,053	7.4	2,383	8.6	24,455	7.5	25,066	7.8
Male	1,165	8.9	1,346	10.3	13,721	8.8	14,180	9.3
Female	888	6.1	1,037	7.2	10,734	6.3	10,886	6.5
Under 1 year	373	12.3	366	12.1	4,294	12.0	4,478	12.8
1-14 years	144	0.4	163	0.4	1,835	0.4	1,893	0.4
15-24 years	349	1.0	388	1.1	4,413	1.1	4,808	1.1
25-34 years	443	1.4	379	1.2	5,203	1.4	5,029	1.4
35-44 years	512	2.3	543	2.5	5,952	2.3	5,798	2.3
45-54 years	982	5.2	1,231	6.4	12,912	5.8	13,414	5.9
55-64 years	2,368	13.0	2,634	14.3	28,996	13.3	29,285	13.5
65-74 years	3,912	29.5	4,133	31.0	46,218	29.4	46,165	29.7
75-84 years	4,281	63.9	4,762	71.6	50,836	64.3	51,526	66.6
85 years and over	3,148	156.9	3,393	174.4	35,832	152.9	35,540	157.8
Not stated	8	...	10	...	99	...	102	...

[1]Figures for New Jersey are not included in the December sample for 1981.

NOTE: Rates for 1980 are based on revised population estimates.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, December 1980 and 1981, and cumulative figures 1980 and 1981

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		December				January-December			
		1981		1980		1981		1980	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		16,520	863.1	18,002	927.3	196,590	866.4	198,038	874.2
Shigellosis and amebiasis	004,006	-	-	-	-	3	0.0	1	0.0
Certain other intestinal infections	007-009	6	0.3	4	0.2	39	0.2	34	0.2
Tuberculosis	010-018	17	0.9	23	1.2	178	0.8	177	0.8
Tuberculosis of respiratory system	010-012	15	0.8	23	1.2	150	0.7	154	0.7
Other tuberculosis	013-018	2	0.1	-	-	28	0.1	23	0.1
Whooping cough	033	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	1	0.0	1	0.0
Meningococcal infection	036	2	0.1	1	0.1	60	0.3	41	0.2
Septicemia	038	82	4.3	100	5.2	1,001	4.4	919	4.1
Acute poliomyelitis	045	-	-	1	0.1	3	0.0	2	0.0
Measles	055	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	5	0.3	12	0.6	76	0.3	79	0.3
Syphilis	090-097	2	0.1	-	-	19	0.1	18	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	32	1.7	44	2.3	408	1.8	373	1.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,354	175.2	3,594	185.1	41,820	184.3	41,340	182.5
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	73	3.8	66	3.4	814	3.6	846	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	816	42.6	936	48.2	10,969	48.3	10,919	48.2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	884	46.2	903	46.5	11,095	48.9	10,747	47.4
Malignant neoplasm of breast	174-175	314	16.4	315	16.2	3,636	16.0	3,477	15.3
Malignant neoplasms of genital organs	179-187	382	20.0	396	20.4	4,546	20.0	4,602	20.3
Malignant neoplasms of urinary organs	188-189	165	8.6	160	8.2	1,751	7.7	1,749	7.7
Malignant neoplasms of all other and unspecified sites	170-173,190-199	435	22.7	474	24.4	5,323	23.5	5,184	22.9
Leukemia	204-208	131	6.8	159	8.2	1,548	6.8	1,699	7.5
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	154	8.0	185	9.5	2,138	9.4	2,117	9.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	65	3.4	48	2.5	681	3.0	648	2.9
Diabetes mellitus	250	302	15.8	286	14.7	3,423	15.1	3,405	15.0
Nutritional deficiencies	260-269	16	0.8	28	1.4	201	0.9	230	1.0
Anemias	280-285	24	1.3	30	1.5	351	1.5	342	1.5
Meningitis	320-322	9	0.5	9	0.5	125	0.6	132	0.6
Major cardiovascular diseases	390-448	8,307	434.0	9,183	473.0	96,452	425.1	98,430	434.5
Diseases of heart	390-398,402,404-429	6,455	337.2	7,103	365.9	74,771	329.5	75,932	335.2
Rheumatic fever and rheumatic heart disease	390-398	58	3.0	75	3.9	763	3.4	792	3.5
Hypertensive heart disease	402	187	9.8	195	10.0	2,061	9.1	2,199	9.7
Hypertensive heart and renal disease	404	23	1.2	27	1.4	302	1.3	332	1.5
Ischemic heart disease	410-414	4,690	245.0	5,234	269.6	55,116	242.9	56,414	249.0
Acute myocardial infarction	410	2,463	128.7	2,781	143.3	28,842	127.1	29,972	132.3
Other acute and subacute forms of ischemic heart disease	411	51	2.7	35	1.8	432	1.9	450	2.0
Angina pectoris	413	4	0.2	2	0.1	45	0.2	37	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,172	113.5	2,416	124.5	25,797	113.7	25,955	114.6
Other diseases of endocardium	424	66	3.4	57	2.9	685	3.0	700	3.1
All other forms of heart disease	415-423,425-429	1,431	74.8	1,515	78.0	15,844	69.8	15,495	68.4
Hypertension with or without rehal disease	401,403	48	2.5	70	3.6	775	3.4	711	3.1
Cerebrovascular diseases	430-438	1,423	74.3	1,553	80.0	16,158	71.2	16,902	74.6
Intracerebral and other intracranial hemorrhage	431-432	190	9.9	191	9.8	1,995	8.8	2,023	8.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	268	14.0	300	15.5	3,062	13.5	3,434	15.2
Cerebral embolism	434.1	7	0.4	5	0.3	74	0.3	71	0.3

All other and late effects of cerebrovascular diseases	430,433,435-438	958	50.0	1,057	54.4	11,027	48.6	11,374	50.2
Atherosclerosis	440	220	11.5	288	14.8	2,841	12.5	2,969	13.1
Other diseases of arteries, arterioles, and capillaries	441-448	161	8.4	169	8.7	1,907	8.4	1,916	8.5
Acute bronchitis and bronchiolitis	466	1	0.1	2	0.1	62	0.3	59	0.3
Pneumonia and influenza [1]	480-487	407	21.3	539	27.8	5,372	23.7	5,247	23.2
Pneumonia	480-486	402	21.0	502	25.9	5,055	22.3	4,989	22.0
Influenza	487	5	0.3	37	1.9	317	1.4	258	1.1
Chronic obstructive pulmonary diseases and allied conditions	490-496	482	25.2	550	28.3	5,914	26.1	5,554	24.5
Bronchitis, chronic and unspecified	490-491	35	1.8	42	2.2	388	1.7	392	1.7
Emphysema	492	115	6.0	132	6.8	1,341	5.9	1,406	6.2
Asthma	493	21	1.1	27	1.4	312	1.4	250	1.1
Other chronic obstructive pulmonary diseases and allied conditions	494-496	311	16.2	349	18.0	3,873	17.1	3,506	15.5
Ulcer of stomach and duodenum	531-533	72	3.8	59	3.0	684	3.0	572	2.5
Appendicitis	540-543	6	0.3	4	0.2	68	0.3	65	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	29	1.5	42	2.2	475	2.1	540	2.4
Chronic liver disease and cirrhosis	571	221	11.5	285	14.7	2,910	12.8	3,117	13.8
Cholelithiasis and other disorders of gallbladder	574-575	26	1.4	28	1.4	291	1.3	310	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	152	7.9	153	7.9	1,730	7.6	1,732	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	5	0.3	28	0.1	34	0.2
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	14	0.7	24	1.2	170	0.7	245	1.1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	136	7.1	124	6.4	1,532	6.8	1,453	6.4
Infections of kidney	590	16	0.8	23	1.2	241	1.1	264	1.2
Hyperplasia of prostate	600	5	0.3	10	0.5	53	0.2	81	0.4
Complications of pregnancy, childbirth, and the puerperium	630-676	6	0.3	6	0.3	33	0.1	29	0.1
Pregnancy with abortive outcome	630-638	2	0.1	-	-	5	0.0	5	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	4	0.2	6	0.3	28	0.1	24	0.1
Congenital anomalies	740-759	127	6.6	96	4.9	1,324	5.8	1,367	6.0
Certain conditions originating in the perinatal period	760-779	175	9.1	180	9.3	2,116	9.3	2,245	9.9
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	55	2.9	67	3.5	657	2.9	746	3.3
Other conditions originating in the perinatal period	760-766,770-779	120	6.3	113	5.8	1,459	6.4	1,499	6.6
Symptoms, signs, and ill-defined conditions	780-799	325	17.0	328	16.9	3,743	16.5	3,719	16.4
All other diseases	Residual	1,013	52.9	999	51.5	11,586	51.1	11,196	49.4
Accidents and adverse effects	E800-E949	805	42.1	878	45.2	9,911	43.7	10,420	46.0
Motor vehicle accidents	E810-E825	390	20.4	425	21.9	4,991	22.0	5,211	23.0
All other accidents and adverse effects	E800-E807,E826-E949	415	21.7	453	23.3	4,920	21.7	5,209	23.0
Suicide	E950-E959	234	12.2	232	12.0	2,601	11.5	2,638	11.6
Homicide and legal intervention	E960-E978	169	8.8	197	10.1	2,325	10.2	2,393	10.6
All other external causes	E980-E999	26	1.4	28	1.4	309	1.4	316	1.4

[1] Figures for New Jersey are not included in the December sample for 1981.

NOTE: Rates for 1980 are based on revised population estimates.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, December 1980 and 1981, and cumulative figures 1980 and 1981

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)		December				January-December			
		1981		1980		1981		1980	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year		373	11.6	366	12.4	4,294	11.7	4,478	12.5
Under 28 days		239	7.4	239	8.1	2,871	7.8	3,011	8.4
28 days to 11 months		134	4.1	127	4.3	1,423	3.9	1,467	4.2
Certain gastrointestinal diseases	008-009,535,555-558	2	0.1	4	0.1	30	0.1	29	0.1
Pneumonia and influenza	480-487	7	0.2	7	0.2	71	0.2	101	0.3
Congenital anomalies	740-759	77	2.4	66	2.2	890	2.4	910	2.5
Disorders relating to short gestation and unspecified low birthweight	765	24	0.7	31	1.0	379	1.0	386	1.1
Birth trauma	767	4	0.1	12	0.4	87	0.2	91	0.3
Intrauterine hypoxia and birth asphyxia	768	12	0.4	10	0.3	143	0.4	151	0.4
Respiratory distress syndrome	769	39	1.2	44	1.5	425	1.1	500	1.4
Other conditions originating in the perinatal period	760-764,766,770-779	95	3.0	79	2.7	1,074	2.9	1,103	3.1
Sudden infant death syndrome	798.0	45	1.4	52	1.8	495	1.3	525	1.5
All other causes	Residual	68	2.1	61	2.1	700	1.9	682	1.9

[1] Figures for New Jersey are not included in the December sample for 1981.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the following table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent differences apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Births, Marriages, Divorces, and Deaths for February 1982

Births

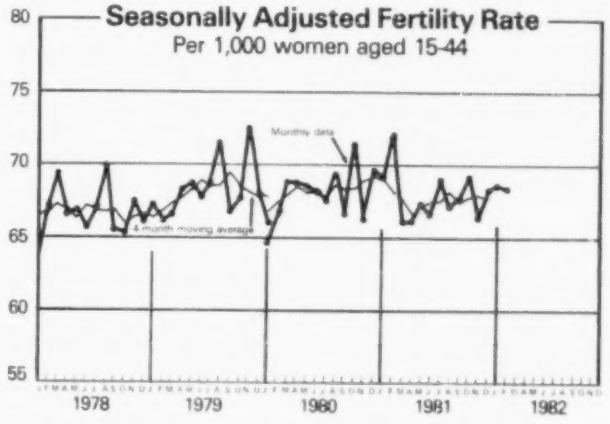
During February 1982 there were an estimated 277,000 live births in the United States, about 4 percent fewer than the number of births in February 1981. The birth rate was 15.6 live births per 1,000 population, 5 percent below the rate for February 1981 (16.4). The fertility rate was 66.4 live births per 1,000 women aged 15-44 years; the seasonally adjusted fertility rate was 68.1. These rates were each 5 percent below the rates for February 1981; 70.0 for the fertility rate and 71.8 for the seasonally adjusted rate.

During January and February 1982 there were an estimated 581,000 live births, almost 2 percent fewer than during the same period in 1981. The birth rate and fertility rate for this 2-month period each declined about 3 percent, to 15.6 for the birth rate and to 66.2 for the fertility rate.

During the 12-month period ending with February 1982 there were an estimated 3,637,000 live births, nearly the same number as for the 12-month period ending 1 year earlier (3,638,000). The birth rate for the recent period was 15.8, 1 percent below the rate for the 12-months ending with February 1981 (16.0). The fertility rate was 67.3, about 1 percent below the rate for the 12-month period ending a year earlier (68.3).

Natural Increase

An estimated 112,000 persons were added to the population during February 1982 as a result of natural



Provisional Vital Statistics for the United States

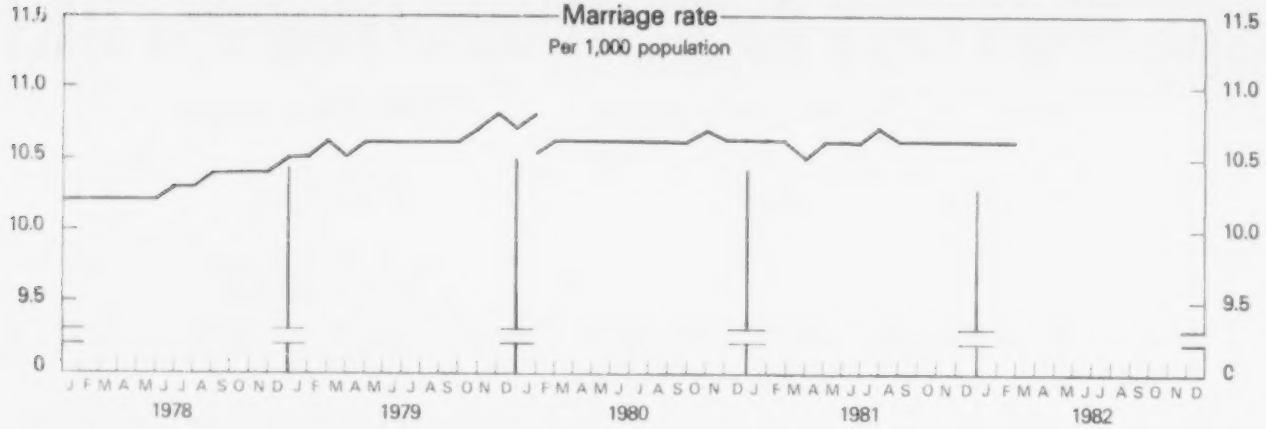
[Data are subject to monthly reporting variation; see Technical notes]

Item	February				January-February				12 months ending with February				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	277,000	288,000	15.6	16.4	581,000	590,000	15.6	16.0	3,637,000	3,638,000	15.8	16.0	15.5
Deaths	165,000	180,000	9.3	10.3	339,000	376,000	9.1	10.2	1,950,000	2,011,000	8.5	8.8	8.6
Natural increase	112,000	108,000	6.3	6.1	242,000	214,000	6.5	5.8	1,687,000	1,627,000	7.3	7.2	6.9
Marriages	146,000	156,000	8.2	8.9	278,000	290,000	7.4	7.9	2,426,000	2,409,000	10.6	10.6	10.6
Divorces	85,000	85,000	4.8	4.8	176,000	182,000	4.7	4.9	1,213,000	1,182,000	5.3	5.2	5.2
Infant deaths	3,600	3,700	13.1	13.0	7,200	7,600	12.3	12.9	42,300	44,900	11.6	12.3	12.9
Population base (in millions)	...	...	230.7	228.5	...	...	...	...	...	...	229.8	227.6	225.1

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Public Health Service, Office of Health Research, Statistics, and Technology

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

increase, the excess of births over deaths. The rate of natural increase for the 12-month period ending with February was 7.3 persons per 1,000 population compared with 7.2 for the same period ending a year earlier. This increase was due to the decline in the death rate.

Marriages

During February 1982, 146,000 marriages were performed in the United States. The marriage rate was 8.2 per 1,000 population.

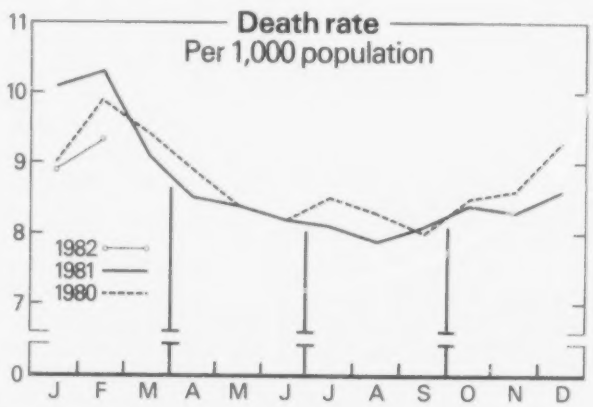
In the first 2 months of the year, 278,000 marriages occurred, generating a marriage rate of 7.4 per 1,000 population. These figures were 4 percent and 6 percent, respectively, below the figures for the same period in 1981.

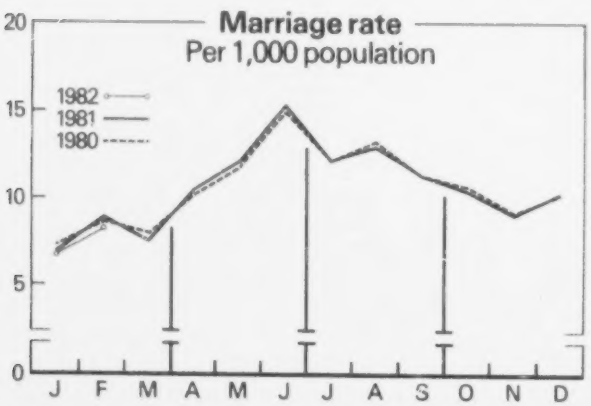
In the 12 months ending with February 1982, 2,426,000 marriages were reported, an increase of 17,000 (less than 1 percent) over the total for the 12 months ending with February 1981. The 12-month marriage rate was 10.6 per 1,000 population, the same as it was in February 1980 and 1981.

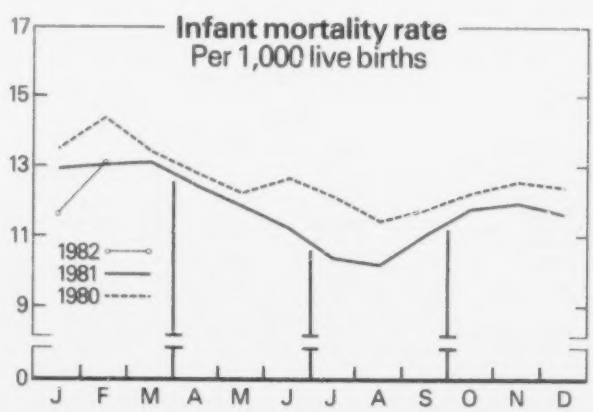
Divorces

An estimated 185,000 divorces were granted in February 1982. The divorce rate was 4.8 per 1,000 population.

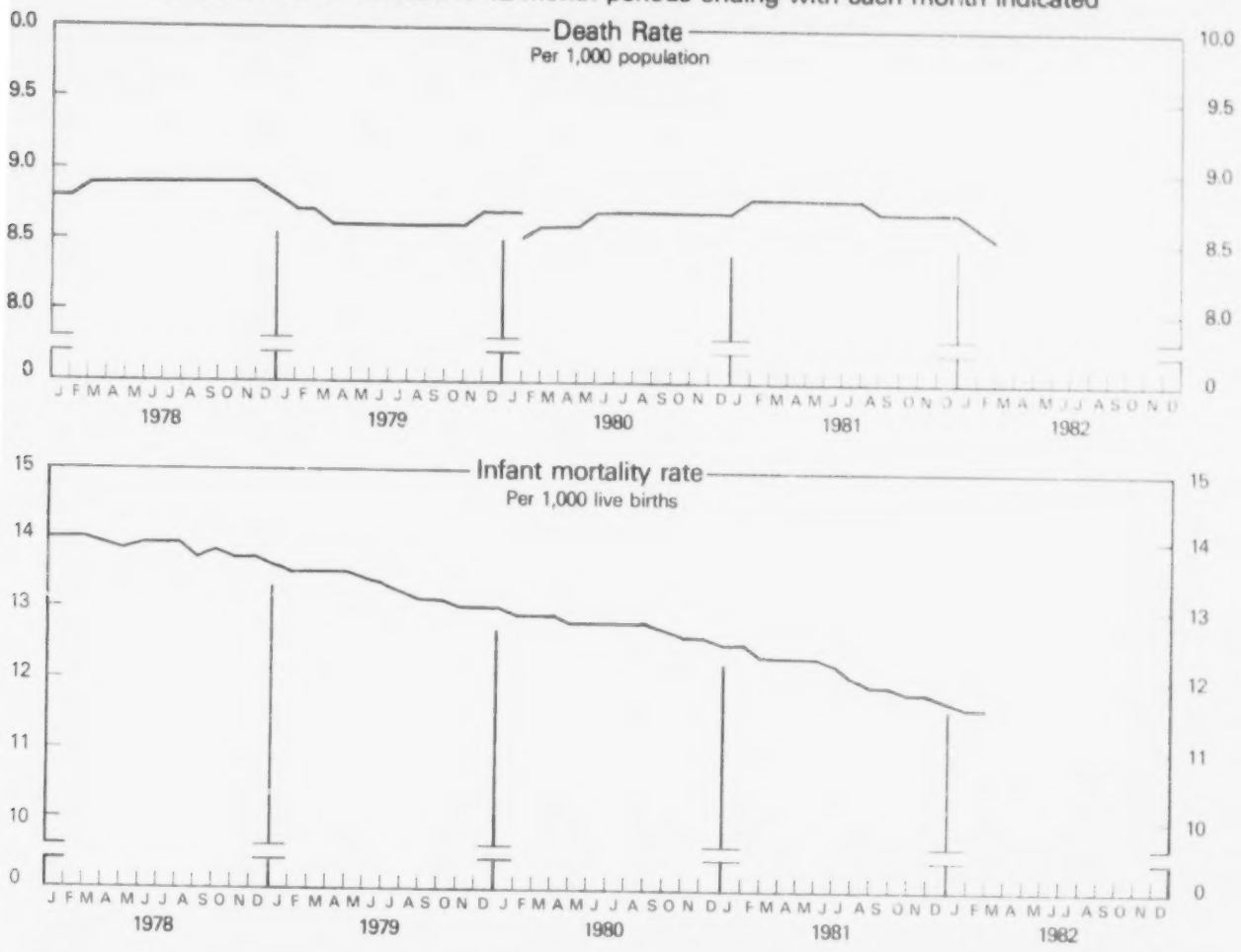
In the first 2 months of 1982, 176,000 divorces were reported, 3 percent below the January-February total in 1981, and the divorce rate was 4.7 per 1,000 population, down 4 percent.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

During the 12 months ending with February there were 1,213,000 divorces, an increase of 31,000 over the previous 12 months. The 12-month divorce rate was 5.3 per 1,000 population, up 2 percent over the rate for 12 months ending with February 1981.

Deaths

For February 1982 the provisional count of deaths totaled 165,000, amounting to a rate of 9.3 deaths per 1,000 population. This rate was 10 percent lower than the rate of 10.3 for February 1981 when there was an influenza outbreak. Among the 165,000 deaths for February 1982 were 3,600 deaths at ages under 1 year, yielding an infant mortality rate of 13.1 deaths per 1,000 live births. This rate was slightly higher than the infant mortality rate of 13.0 for February 1981.

The provisional death rate for the 12 months ending with January 1982 (8.6 deaths per 1,000 population) was 2 percent lower than the rate for the 12 months ending with January 1981. The estimated death rate decreased 4 percent for males (from 9.9 to 9.5 deaths per 1,000 population), 3 percent for females (from 7.9 to 7.7), 2 percent for the white population (from 9.0 to 8.8), and 6 percent for the population of other races (from 7.9 to 7.4). By age, the death rate was lower for infants under 1 year of age and for each age group 35 years of age and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Chronic liver disease and cirrhosis, Atherosclerosis, and Leukemia. The estimated death rate increased between the two successive 12-month periods for Ulcer of stomach and duodenum.

The decrease in infant mortality (from 12.5 deaths per 1,000 live births for the 12 months ending with January 1981 to 11.6 for the 12 months ending

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, February 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	February		January-February			February		January-February		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	12,257	[e]13,457	24,623	[e]26,637	[e]24,777	5,157	[e]6,474	11,023	[e]10,750	[e]10,732
Maine	1,460	1,678	2,470	2,909	2,608	686	876	1,199	1,618	1,495
New Hampshire	964	[e]1,185	1,862	[e]2,355	[e]2,174	410	[e]486	845	[e]1,008	[e]974
Vermont	493	827	1,168	1,159	1,242	216	300	517	504	559
Massachusetts	6,131	5,847	12,691	13,009	11,540	2,278	2,956	5,479	4,481	4,962
Rhode Island	939	946	1,932	1,895	1,949	396	418	699	707	634
Connecticut	2,270	[e]2,974	4,500	[e]5,310	[e]5,264	1,171	[e]1,438	2,284	[e]2,432	[e]2,108
Middle Atlantic	33,238	44,830	78,635	79,846	72,138	13,928	16,200	33,285	34,110	29,158
New York[1]	15,076	25,308	40,644	40,578	33,610	6,928	7,700	18,267	17,970	13,192
New Jersey	6,959	8,114	13,310	14,330	12,417	3,228	3,685	5,789	5,930	4,689
Pennsylvania	11,203	11,408	24,681	24,938	26,111	3,772	4,815	9,229	10,210	11,277
East North Central	49,276	50,188	99,510	103,250	104,439	17,967	20,611	36,423	38,987	45,372
Ohio	12,894	13,153	26,174	29,257	27,284	5,355	5,658	12,180	11,584	11,025
Indiana	6,253	6,567	10,383	11,454	12,016	2,826	2,938	4,593	4,848	5,226
Illinois	13,770	13,652	28,131	28,179	28,525	5,375	6,498	10,951	12,710	12,394
Michigan	10,833	11,085	21,893	22,781	22,559	2,799	3,586	4,697	5,831	12,712
Wisconsin	5,526	5,731	12,923	11,579	14,055	1,612	1,931	4,002	4,014	4,015
West North Central	22,477	[e]22,651	47,454	[e]45,004	[e]44,852	8,256	[e]10,808	19,020	[e]19,306	[e]19,495
Minnesota	5,280	[e]5,178	10,671	[e]9,913	[e]10,787	1,609	[e]1,930	2,995	[e]3,306	[e]3,302
Iowa	3,675	3,642	7,444	7,507	7,366	1,285	1,683	2,746	2,973	2,580
Missouri	6,283	6,772	14,350	13,051	11,393	2,373	4,130	6,994	6,675	7,526
North Dakota	1,006	1,012	2,019	2,106	2,050	251	259	522	530	486
South Dakota	1,056	993	2,055	2,034	2,005	400	469	811	999	957
Nebraska	2,029	2,283	4,368	4,456	4,617	729	810	1,662	1,589	1,468
Kansas	3,148	2,771	6,547	5,937	6,634	1,609	1,527	3,290	3,234	3,176
South Atlantic	42,471	42,161	89,506	88,631	87,395	28,502	29,904	57,342	59,017	58,013
Delaware	708	750	1,444	1,510	1,529	251	284	509	517	433
Maryland	4,137	4,031	8,629	8,348	7,829	2,721	2,881	5,162	5,537	5,099
District of Columbia	1,542	1,362	3,190	3,338	2,400	301	326	617	679	615
Virginia	5,877	5,908	12,495	12,215	11,215	3,606	3,808	7,312	7,414	6,978
West Virginia	2,004	2,283	4,541	5,113	5,246	974	1,029	1,928	2,063	2,023
North Carolina	6,356	6,453	13,795	13,543	13,833	3,093	2,937	5,546	5,441	5,384
South Carolina	3,771	3,842	7,867	7,969	8,010	3,848	3,591	7,120	7,559	7,571
Georgia	7,370	7,415	14,895	15,261	16,092	5,141	6,184	11,611	13,361	12,022
Florida	10,706	10,117	22,650	21,334	21,241	8,567	8,864	17,537	16,446	17,888
East South Central	19,094	19,943	40,632	42,310	43,124	10,318	10,988	22,491	23,460	23,579
Kentucky	4,505	5,677	10,330	11,690	11,203	1,749	1,713	3,651	5,120	4,826
Tennessee	6,019	5,195	11,782	11,432	12,302	3,659	3,860	7,574	7,538	7,171
Alabama	5,115	5,436	10,985	11,305	11,504	2,992	3,519	7,398	7,276	7,610
Mississippi	3,455	3,635	7,535	7,883	8,115	1,918	1,896	3,868	3,526	3,972
West South Central	37,469	37,468	75,323	78,786	65,432	22,752	25,806	43,023	49,175	49,446
Arkansas	3,285	4,105	5,027	6,091	6,255	1,529	1,644	2,678	2,779	2,649
Louisiana	5,532	6,107	14,190	14,870	13,139	3,205	3,788	6,361	7,596	6,330
Oklahoma	4,286	3,646	8,169	8,010	8,615	3,162	3,203	5,986	5,996	6,307
Texas	24,366	23,610	47,937	49,815	37,423	14,856	17,171	27,998	32,804	34,160
Mountain	[2]17,187	17,142	[2]36,399	35,200	33,319	[3]9,515	[3]9,148	[3]17,153	[3]17,624	40,627
Montana	1,038	1,026	2,153	2,130	2,242	413	512	829	967	940
Idaho	1,504	1,399	3,073	3,145	3,057	880	899	1,783	2,052	1,540
Wyoming	752	1,037	1,425	1,607	1,315	474	533	795	897	720
Colorado	4,271	3,828	8,212	7,466	7,752	2,920	2,257	4,610	4,487	3,844
New Mexico[4]	2,111	2,120	4,343	4,285	1,754	1,192	1,290	2,285	2,429	2,366
Arizona[5]	4,380	3,848	8,791	8,237	8,255	2,375	2,503	4,498	4,738	4,453
Utah	3,131	2,815	7,322	6,016	6,768	1,261	1,154	2,353	2,054	2,104
Nevada	---	1,069	[6]1,080	2,314	2,176	---	---	---	---	24,660
Pacific	50,351	[e]49,343	87,330	[e]90,467	75,038	21,286	[e]20,452	33,572	[e]37,838	[e]40,025
Washington	10,198	12,018	11,343	13,258	3,634	3,271	3,587	5,361	5,521	4,365
Oregon	3,205	3,286	6,641	7,014	6,907	1,529	1,529	2,915	2,820	2,783
California	[7]34,717	[7,e]31,979	64,678	[e]65,756	59,852	15,146	[e]13,999	22,463	[e]26,625	[e]30,535
Alaska	802	716	1,553	1,520	1,470	356	363	787	822	651
Hawaii	1,429	1,344	3,115	2,919	3,175	984	974	2,046	2,050	1,691
New York City[4]	7,784	7,836	17,624	17,118	16,789	4,098	3,911	7,708	7,666	7,377
Puerto Rico	5,957	4,886	9,998	9,655	---	2,260	2,310	4,237	4,467	---

[1] Includes figures shown below for New York City.
[2] Excludes February figures for Nevada.
[3] Excludes figures for Nevada.
[4] Figures for marriages are marriage licenses issued.
[5] Figures for marriages are marriage licenses issued for some counties.
[6] Excludes figures for February.
[7] Figure is for a 4-week reporting period.
[e] Revised.

Table 2. Deaths and infant deaths: each reporting area, February 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	February		January-February			February		January-February		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	8,242	[a]10,852	18,492	[a]20,606	[a]20,861	110	[a]107	283	[a]315	308
Maine	873	935	1,628	1,801	2,179	10	8	25	24	19
New Hampshire	590	815	1,318	1,544	[a]1,465	7	11	25	21	31
Vermont	269	443	700	815	557	-	5	3	13	12
Massachusetts	3,723	5,687	9,336	10,004	10,019	54	41	127	172	158
Rhode Island	699	766	1,532	1,791	1,696	4	11	18	27	19
Connecticut	2,088	[a]2,206	3,978	[a]4,651	4,945	35	[a]31	85	[a]58	69
Middle Atlantic	27,739	32,744	60,167	67,392	61,772	505	532	1,077	1,041	1,052
New York[1]	13,461	18,139	29,623	34,106	29,563	260	292	577	571	511
New Jersey	4,960	5,474	10,386	11,485	10,559	97	104	183	175	154
Pennsylvania	9,318	9,131	20,158	21,801	21,650	148	136	317	295	387
East North Central	28,480	29,060	60,137	65,918	[a]64,306	567	656	1,165	1,282	[a]1,397
Ohio	7,645	7,536	16,149	18,392	17,519	142	145	289	318	407
Indiana	3,902	4,087	6,936	8,017	7,828	81	79	131	123	151
Illinois	7,639	8,018	16,521	18,348	[a]17,737	190	195	389	399	460
Michigan	5,935	6,552	12,548	13,876	12,610	119	173	274	312	[a]265
Wisconsin	3,359	2,857	7,983	7,285	8,612	35	64	82	130	114
West North Central	12,747	[a]14,120	27,609	[a]28,933	[a]27,105	258	[a]280	537	[a]630	[a]649
Minnesota	2,530	[a]2,802	5,594	[a]5,561	[a]5,302	46	[a]56	96	[a]114	[a]115
Iowa	2,166	2,438	4,580	5,236	4,800	31	40	60	77	111
Missouri	4,248	4,747	9,202	9,374	8,151	90	118	204	287	228
North Dakota	407	448	927	991	1,018	12	17	25	31	35
South Dakota	516	557	1,055	1,170	1,195	10	4	20	20	17
Nebraska	1,180	1,293	2,512	2,742	2,636	27	17	49	42	59
Kansas	1,700	1,835	3,739	3,859	4,003	42	28	83	59	84
South Atlantic	27,029	30,175	57,160	66,504	59,993	582	628	1,212	1,341	1,328
Delaware	388	383	839	955	854	5	11	13	17	19
Maryland	2,489	2,688	5,438	6,038	5,598	41	46	90	91	86
District of Columbia	642	822	1,356	1,700	1,855	20	30	51	80	102
Virginia	3,132	3,411	7,071	7,802	7,330	63	79	137	161	152
West Virginia	1,433	1,671	3,100	3,903	3,503	22	40	55	72	74
North Carolina	3,787	4,070	8,267	9,433	8,523	88	82	200	175	205
South Carolina	1,864	2,188	4,114	4,572	4,175	57	68	114	129	121
Georgia	4,161	4,904	7,730	10,100	8,319	118	130	233	302	249
Florida	9,133	10,038	19,245	22,001	19,836	168	142	319	314	320
East South Central	10,894	11,704	23,536	26,270	24,264	280	239	585	552	638
Kentucky	2,459	2,910	5,593	6,810	6,068	57	76	134	141	112
Tennessee	3,586	3,826	7,442	8,188	7,665	78	45	169	133	196
Alabama	3,070	3,000	6,479	6,811	6,505	88	78	156	164	173
Mississippi	1,779	1,968	4,022	4,461	4,026	57	40	126	114	157
West South Central	18,535	19,313	35,737	39,218	34,195	528	534	1,003	[a]1,074	981
Arkansas	2,238	2,480	3,631	4,341	3,895	52	48	71	71	73
Louisiana	2,841	3,341	6,599	7,186	6,273	69	94	197	[a]206	236
Oklahoma	2,321	2,387	4,962	5,104	5,028	45	47	78	94	82
Texas	11,135	11,105	20,545	22,587	18,999	362	345	657	703	590
Mountain	[2]6,518	7,080	[2]13,926	15,210	14,080	[2]189	208	[2]413	405	459
Montana	501	560	1,024	1,186	1,178	7	9	13	21	20
Idaho	465	512	1,051	1,112	1,060	10	8	31	21	22
Wyoming	235	228	489	479	484	4	7	12	11	8
Colorado	1,757	1,592	3,392	3,436	3,393	61	47	100	83	107
New Mexico	770	749	1,599	1,808	1,487	25	26	42	60	62
Arizona	2,174	2,252	4,190	4,685	3,992	47	60	109	103	121
Utah	616	563	1,573	1,345	1,391	35	32	90	83	89
Nevada	---	624	[3]608	1,159	1,095	---	19	[3]16	23	30
Pacific	23,982	24,757	40,151	44,257	40,818	595	[a]537	932	[a]972	[a]939
Washington	4,556	5,403	6,452	6,940	4,753	103	71	120	99	77
Oregon	1,656	1,757	3,567	3,934	4,065	40	41	86	90	106
California	[4]17,191	[4]17,001	28,916	32,125	30,774	[4]430	[4,a]399	685	[a]728	[a]703
Alaska	134	157	278	313	244	9	10	11	20	20
Hawaii	445	439	938	945	982	13	16	30	35	33
New York City	5,901	5,727	12,296	13,654	14,406	128	121	287	323	320
Puerto Rico	1,753	1,642	3,053	3,118	---	93	76	177	143	---

[1] Includes figures shown below for New York City.
[2] Excludes February figures for Nevada.
[3] Excludes figures for February.
[4] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, February 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	February		January-February		
	1982	1981	1982	1981	1980
Total, 47 areas[1]	76,508	[4]78,923	164,941	[4]171,509	[4]168,144
Alabama	1,989	2,046	4,117	4,034	4,322
Alaska	459	309	733	309	543
Arizona	1,705	1,457	3,460	3,116	3,194
Arkansas	1,109	1,593	2,000	3,027	2,804
California	8,760	[4]9,236	17,183	[4]20,861	18,792
Colorado	1,548	1,179	2,913	2,347	1,652
Connecticut	732	[4]824	1,471	[4]1,919	1,653
Delaware	227	275	387	380	465
District of Columbia	225	306	591	597	484
Florida	5,384	5,712	10,857	11,312	11,444
Georgia	2,845	541	5,391	4,494	6,262
Hawaii	336	336	707	751	735
Idaho	481	475	1,001	947	1,004
Illinois	2,423	3,740	5,281	7,889	8,152
Iowa	868	971	1,794	1 983	1,880
Kansas	1,069	930	2,037	1,990	2,004
Kentucky	1,209	1,187	2,416	2,762	3,183
Maine	547	523	993	934	1,093
Maryland	913	1,119	1,832	2,133	2,444
Massachusetts	974	1,427	4,180	4,003	2,521
Michigan	3,087	2,718	5,616	5234	6,053
Minnesota	1,107	[4]1,126	2,275	[4]2,299	[4]2,474
Mississippi	1,401	1,191	2,529	2,633	2,168
Missouri	1,751	2,223	4,872	3,842	4,536
Montana	337	352	687	718	812
Nebraska	502	531	1,009	1,035	1,015
Nevada	---	1,046	[2]993	1,498	2,008
New Hampshire	393	[4]416	1,005	[4]892	[4]890
New Jersey	2,191	1,536	4,954	4,130	[4]3,910
New Mexico[3]	763	794	1,584	1,741	1,758
New York	1,445	2,949	10,168	10,320	5,001
North Carolina	1,864	1,863	3,598	3,755	3,865
North Dakota	155	147	321	323	322
Ohio	3,508	3,812	8,664	8,532	9,228
Oklahoma	1,632	1,861	3,371	3,799	3,696
Oregon	1,307	1,401	2,742	2,849	3,059
Pennsylvania	2,727	2,380	5,459	5,043	5,816
Rhode Island	---	289	---	626	699
South Carolina	1,044	1,192	2,030	2,214	2,138
South Dakota	206	198	417	449	488
Tennessee	1,707	2,605	4,397	5,329	5,132
Texas	8,210	7,430	17,022	15,065	16,265
Utah	677	625	1,325	1,270	1,366
Vermont	279	223	416	351	321
Virginia	1,639	1,671	3,136	3,437	3,513
Washington	2,286	2,614	4,092	4,259	4,072
West Virginia	1,091	870	1,668	1,922	1,649
Wisconsin	1,092	1,693	1,633	3,314	3,419
Wyoming	304	316	607	666	547

[1] Excludes figures for Nevada and Rhode Island.
[2] Excludes figures for February.
[3] Figures include estimates for some counties.
[4] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, February 1981-February 1982

Period	Births			Marriages		
	Number	Rate per 1,000 women 15-44		Number	Rate per 1,000 women 15-44	
		Unadjusted	Seasonally adjusted[1]		Unadjusted	Seasonally adjusted[1]
1981:						
February	288,000	[a]70.0	[a]71.8	[a]156,000	[a]37.9	[a]49.5
March	295,000	[a]64.8	[a]65.7	[a]147,000	[a]32.2	[a]39.4
April	279,000	[a]63.3	[a]65.8	[a]198,000	[a]44.9	[a]47.1
May	296,000	64.9	[a]67.1	235,000	[a]51.5	48.9
June	292,000	[a]66.1	[a]66.7	287,000	64.9	46.3
July	327,000	[a]71.4	68.7	237,000	51.8	[a]44.5
August	328,000	[a]71.5	[a]66.9	252,000	54.9	44.2
September	319,000	[a]71.9	[a]67.6	216,000	[a]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	66.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	132,000	28.6	43.1
February	277,000	66.4	68.1	146,000	35.0	45.7

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, January 1981 and 1982, and 12 months ending with January 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	January				12 months ending with January			
	1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	16,958	8.9	20,236	10.1	193,919	8.6	201,333	8.8
Male	9,111	9.9	10,803	11.1	104,589	9.5	109,151	9.9
Female	7,847	8.0	9,433	9.1	89,330	7.7	92,182	7.9
White	14,842	9.1	17,719	10.3	169,792	8.8	175,887	9.0
Male	7,927	10.0	9,381	11.2	91,067	9.6	94,753	10.0
Female	6,915	8.3	8,338	9.5	78,725	7.9	81,134	8.1
All other	2,116	7.7	2,517	8.8	24,127	7.4	25,446	7.9
Male	1,184	9.0	1,422	10.4	13,522	8.7	14,398	9.3
Female	932	6.5	1,095	7.3	10,605	6.2	11,048	6.5
Black	1,971	8.7	---	---	---	---	---	---
Male	1,090	10.2	---	---	---	---	---	---
Female	881	7.4	---	---	---	---	---	---
Under 1 year	329	10.9	362	11.5	4,261	12.0	4,424	12.6
1-14 years	130	0.3	159	0.4	1,810	0.4	1,902	0.4
15-24 years	303	0.9	367	1.0	4,358	1.1	4,808	1.1
25-34 years	376	1.2	422	1.3	5,177	1.4	5,083	1.4
35-44 years	461	2.0	595	2.6	5,829	2.2	5,932	2.3
45-54 years	1,060	5.7	1,261	6.3	12,739	5.7	13,566	6.0
55-64 years	2,416	13.3	2,908	15.2	28,615	13.2	29,764	13.7
65-74 years	3,999	30.2	4,621	33.3	45,743	29.2	46,718	29.9
75-84 years	4,581	68.3	5,384	77.5	50,186	63.6	52,477	67.4
85 years and over	3,297	163.7	4,148	203.9	35,104	149.7	36,550	161.2
Not stated	6	---	9	---	97	---	109	---

[1] Figures for Connecticut are not included in the January sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, January 1981 and 1982, and 12 months ending with January 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		January				12 months ending with January			
		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		16,958	891.1	20,236	1,009.8	193,919	856.3	201,333	883.4
Shigellosis and amebiasis	004,006	-	-	-	-	3	0.0	1	0.0
Certain other intestinal infections	007-009	5	0.3	3	0.1	41	0.2	33	0.1
Tuberculosis	010-018	16	0.8	23	1.1	171	0.8	182	0.8
Tuberculosis of respiratory system	010-012	14	0.7	18	0.9	146	0.6	158	0.7
Other tuberculosis	013-018	2	0.1	5	0.2	25	0.1	24	0.1
Whooping cough	033	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	1	0.0	-	-
Meningococcal infection	036	7	0.4	7	0.3	60	0.3	44	0.2
Septicemia	038	94	4.9	102	5.1	998	4.4	943	4.1
Acute poliomyelitis	045	-	-	2	0.1	1	0.0	4	0.0
Measels	055	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	4	0.2	8	0.4	72	0.3	77	0.3
Syphilis	090-097	1	0.1	4	0.2	16	0.1	22	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	22	1.2	50	2.5	381	1.7	397	1.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,444	181.0	3,801	189.7	41,592	183.7	41,725	183.1
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	65	3.4	72	3.6	808	3.6	844	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	913	48.0	962	48.0	10,959	48.4	10,986	48.2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	872	45.8	1,023	51.0	10,970	48.4	10,875	47.7
Malignant neoplasm of breast	174-175	291	15.3	341	17.0	3,606	15.9	3,524	15.5
Malignant neoplasms of genital organs	179-187	399	21.0	374	18.7	4,586	20.3	4,594	20.2
Malignant neoplasms of urinary organs	188-189	146	7.7	142	7.1	1,762	7.8	1,727	7.6
Malignant neoplasms of all other and unspecified sites	170-173,190-199	426	22.4	529	26.4	5,230	23.1	5,313	23.3
Leukemia	204-208	138	7.3	145	7.2	1,546	6.8	1,709	7.5
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	194	10.2	213	10.6	2,125	9.4	2,153	9.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	54	2.8	55	2.7	682	3.0	645	2.8
Diabetes mellitus	250	272	14.3	354	17.7	3,359	14.8	3,476	15.3
Nutritional deficiencies	260-269	19	1.0	26	1.3	194	0.9	234	1.0
Anemias	280-285	22	1.2	41	2.0	332	1.5	346	1.5
Meningitis	320-322	11	0.6	12	0.6	125	0.6	136	0.6
Major cardiovascular diseases	390-448	8,738	459.2	10,257	511.8	95,257	420.6	100,139	439.4
Diseases of heart	390-398,402,404-429	6,745	354.4	7,938	396.1	73,840	326.1	77,276	339.1
Rheumatic fever and rheumatic heart disease	390-398	49	2.6	77	3.8	738	3.3	804	3.5
Hypertensive heart disease	402	182	9.6	213	10.6	2,037	9.0	2,228	9.8
Hypertensive heart and renal disease	404	21	1.1	30	1.5	293	1.3	334	1.5
Ischemic heart disease	410-414	5,014	263.5	5,859	292.4	54,482	240.6	57,310	251.5
Acute myocardial infarction	410	2,654	139.5	2,960	147.7	28,635	126.4	30,358	133.2
Other acute and subacute forms of ischemic heart disease	411	62	3.3	50	2.5	444	2.0	456	2.0
Angina pectoris	413	5	0.3	6	0.3	44	0.2	40	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,293	120.5	2,843	141.9	25,359	112.0	26,456	116.1
Other diseases of endocardium	424	66	3.5	74	3.7	678	3.0	717	3.1
All other forms of heart disease	415-423,425-429	1,413	74.3	1,685	84.1	15,612	68.9	15,883	69.7
Hypertension with or without renal disease	401,403	68	3.6	91	4.5	754	3.3	744	3.3
Cerebrovascular diseases	430-438	1,494	78.5	1,725	86.1	15,975	70.5	17,132	75.2
Intracerebral and other intracranial hemorrhage	431-432	180	9.5	199	9.9	1,983	8.8	2,039	8.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	291	15.3	339	16.9	3,026	13.4	3,448	15.1

Cerebral embolism	434.1	11	0.6	5	0.2	80	0.4	70	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	1,012	53.2	1,182	59.0	10,886	48.1	11,575	50.8
Atherosclerosis	440	264	13.9	318	15.9	2,792	12.3	3,043	13.4
Other diseases of arteries, arterioles, and capillaries	441-448	167	8.8	185	9.2	1,896	8.4	1,944	8.5
Acute bronchitis and bronchiolitis	466	8	0.4	12	0.6	58	0.3	61	0.3
Pneumonia and influenza	480-487	453	23.8	974	48.6	4,867	21.5	5,728	25.1
Pneumonia	480-486	447	23.5	822	41.0	4,696	20.7	5,340	23.4
Influenza	487	6	0.3	152	7.6	171	0.8	388	1.7
Chronic obstructive pulmonary diseases and allied conditions	490-496	460	24.2	722	36.0	5,665	25.0	5,815	25.5
Bronchitis, chronic and unspecified	490-491	23	1.2	59	2.9	353	1.6	423	1.9
Emphysema	492	98	5.1	155	7.7	1,286	5.7	1,458	6.4
Asthma	493	20	1.1	32	1.6	300	1.3	265	1.2
Other chronic obstructive pulmonary diseases and allied conditions	494-496	319	16.8	476	23.8	3,726	16.5	3,669	16.1
Ulcer of stomach and duodenum	531-533	48	2.5	56	2.8	678	3.0	590	2.6
Appendicitis	540-543	3	0.2	1	0.0	70	0.3	63	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	38	2.0	41	2.0	473	2.1	546	2.4
Chronic liver disease and cirrhosis	571	226	11.9	271	13.5	2,876	12.7	3,093	13.6
Cholelithiasis and other disorders of gallbladder	574-575	17	0.9	23	1.1	286	1.3	317	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	156	8.2	174	8.7	1,718	7.6	1,730	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	4	0.2	26	0.1	32	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	19	1.0	13	0.6	179	0.8	233	1.0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	135	7.1	157	7.8	1,513	6.7	1,465	6.4
Infections of kidney	590	22	1.2	25	1.2	238	1.1	261	1.1
Hyperplasia of prostate	600	2	0.1	5	0.2	50	0.2	81	0.4
Complications of pregnancy, childbirth, and the puerperium	630-676	4	0.2	1	0.0	37	0.2	26	0.1
Pregnancy with abortive outcome	630-638	1	0.1	.	.	6	0.0	5	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	3	0.2	1	0.0	31	0.1	21	0.1
Congenital anomalies	740-759	93	4.9	104	5.2	1,314	5.8	1,341	5.9
Certain conditions originating in the perinatal period	760-779	160	8.4	166	8.3	2,110	9.3	2,212	9.7
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	40	2.1	46	2.3	651	2.9	716	3.1
Other conditions originating in the perinatal period	760-766,770-779	120	6.3	120	6.0	1,459	6.4	1,496	6.6
Symptoms, signs, and ill-defined conditions	780-799	347	18.2	398	19.9	3,697	16.3	3,806	16.7
All other diseases	Residual	1,058	55.6	1,174	58.6	11,503	50.8	11,389	50.0
Accidents and adverse effects	E800-E949	756	39.7	891	44.5	9,799	43.3	10,488	46.0
Motor vehicle accidents	E810-E825	320	16.8	431	21.5	4,890	21.6	5,244	23.0
All other accidents and adverse effects	E800-E807,E826-E949	436	22.9	460	23.0	4,909	21.7	5,244	23.0
Suicide	E950-E959	193	10.1	209	10.4	2,592	11.4	2,643	11.6
Homicide and legal intervention	E960-E978	187	9.8	215	10.7	2,303	10.2	2,420	10.6
All other external causes	E980-E999	18	0.9	29	1.4	299	1.3	317	1.4

[1] Figures for Connecticut are not included in the January sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, January 1981 and 1982, and 12 months ending with January 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)		January				12 months ending with January			
		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year		329	11.6	362	12.9	4,261	11.6	4,424	12.5
Under 28 days		200	7.1	220	7.9	2,851	7.8	2,957	8.3
28 days to 11 months		129	4.5	142	5.0	1,410	3.8	1,467	4.1
Certain gastrointestinal diseases	008-009,535,555-558	1	0.0	4	0.1	27	0.1	27	0.1
Pneumonia and influenza	480-487	7	0.2	6	0.2	72	0.2	96	0.3
Congenital anomalies	740-759	54	1.9	63	2.2	881	2.4	888	2.5
Disorders relating to short gestation and unspecified low birthweight	765	34	1.2	40	1.4	373	1.0	393	1.1
Birth trauma	767	5	0.2	8	0.3	84	0.2	89	0.3
Intrauterine hypoxia and birth asphyxia	768	6	0.2	12	0.4	137	0.4	153	0.4
Respiratory distress syndrome	769	29	1.0	26	0.9	428	1.2	470	1.3
Other conditions originating in the perinatal period	760-764,766,770-779	85	3.0	80	2.9	1,079	2.9	1,093	3.1
Sudden infant death syndrome	798.0	47	1.6	54	1.9	488	1.3	527	1.5
All other causes	Residual	61	2.1	69	2.4	692	1.9	688	1.9

[1] Figures for Connecticut are not included in the January sample for 1982.

(Continued from page 3)

with January 1982) reflects a 6-percent decrease in the rate for infants under 28 days and a 7-percent decrease in the rate for infants aged 28 days to 11 months. The estimated death rate for infants under 28 days decreased from 8.3 to 7.8 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 4.1 to 3.8 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

. . .	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Births, Marriages, Divorces, and Deaths for March 1982

Births

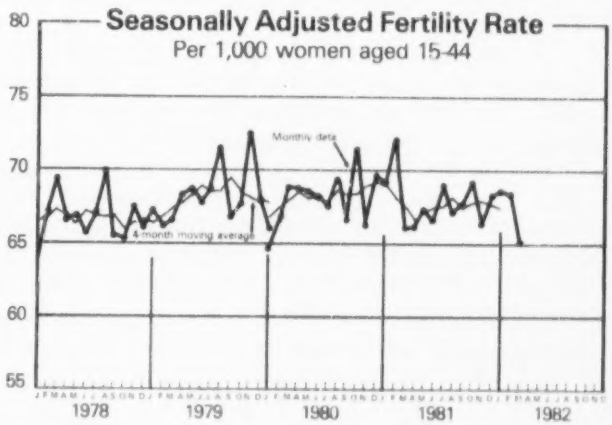
During March 1982 there were an estimated 297,000 live births in the United States, nearly 1 percent more than the number occurring during March 1981. The birth rate was 15.1 live births per 1,000 population, about 1 percent below the rate for March 1981 (15.2). The fertility rate, 64.3 live births per 1,000 women aged 15-44 years, was 1 percent lower than the rate for March 1981 (64.8); the seasonally adjusted fertility rate was 65.1, also 1 percent lower than the comparable rate for March 1981 (65.7).

There were an estimated 878,000 live births during the first quarter of 1982, 1 percent fewer than the number occurring during the same period in 1981. The birth rate for the first 3 months of 1982 was 15.4, and the fertility rate was 65.5. These rates were about 2 percent lower than the rates for the same period in 1981.

During the 12-month period ending with March 1982 there were an estimated 3,639,000 live births, less than 1 percent more than the number occurring during the comparable period ending with March 1981. The 12-month birth rate was 15.8, and the fertility rate was 67.3. These rates were each about 1 percent below the rates recorded 1 year earlier.

Natural Increase

An estimated 125,000 persons were added to the population during March 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the 12-month period ending with



Provisional Vital Statistics for the United States

(Data are subject to monthly reporting variation; see Technical notes)

Item	March				January-March				12 months ending with March				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	297,000	295,000	15.1	15.2	878,000	885,000	15.4	15.7	3,639,000	3,631,000	15.8	15.9	15.6
Deaths	172,000	176,000	8.8	9.1	512,000	552,000	9.0	9.8	1,947,000	2,007,000	8.5	8.8	8.6
Natural increase	125,000	119,000	6.3	6.1	366,000	333,000	6.4	5.9	1,692,000	1,624,000	7.3	7.1	7.0
Marriages	168,000	147,000	8.6	7.5	443,000	437,000	7.8	7.8	2,445,000	2,402,000	10.6	10.5	10.6
Divorces	104,000	104,000	5.3	5.4	280,000	286,000	4.9	5.1	1,212,000	1,190,000	5.3	5.2	5.2
Infant deaths	3,600	3,900	11.8	13.1	10,700	11,500	12.1	13.0	42,000	44,800	11.5	12.3	12.9
Population base (in millions)	...	...	230.8	228.6	...	...	...	...	...	...	230.0	227.8	225.3

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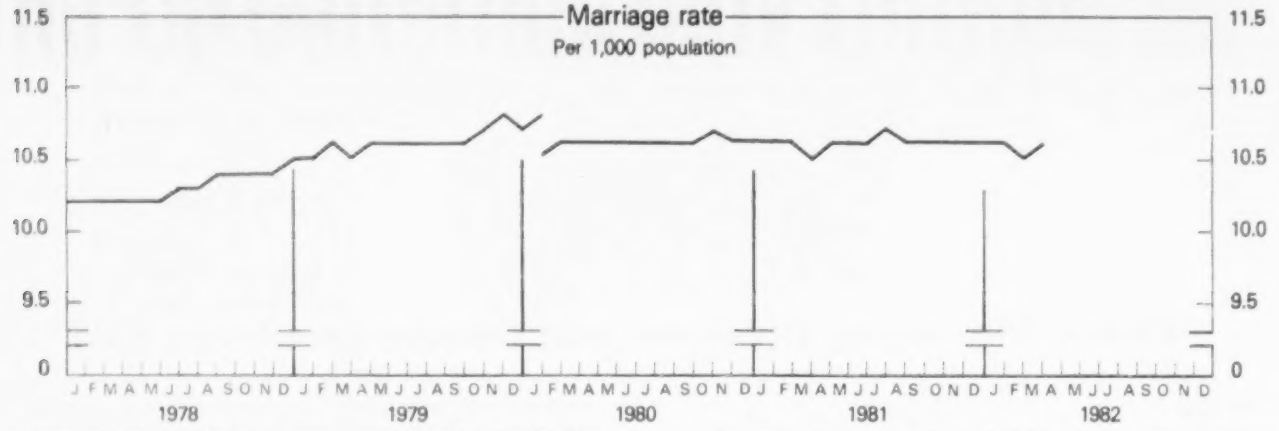
HE 20. 6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

March 1982 was 7.3 persons per 1,000 population, about 3 percent higher than the rate for the 12-month period ending with March 1981 (7.1). This increase was due to the decline in the death rate.

Marriages

The provisional count of marriages for March 1982 totaled 168,000, and the rate was 8.6 per 1,000 population.

In the first quarter of 1982, 1 percent more marriages were reported than in the first quarter of 1981. The rate for the first quarter was the same in both years (7.8 per 1,000 population).

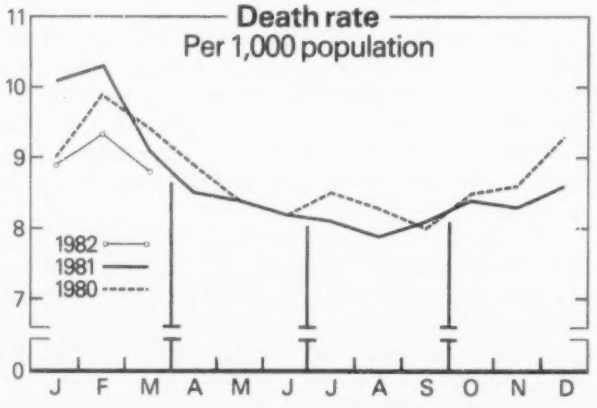
During the 12-month period ending with March 1981 there were 2,445,000 marriages, almost 2 percent more than the number occurring during the previous 12 months. The 12-month marriage rate was 10.6 per 1,000 population, 1 percent higher than the comparable figure for 1981.

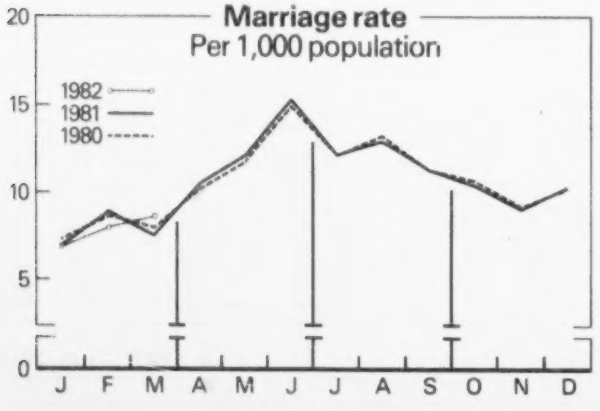
Divorces

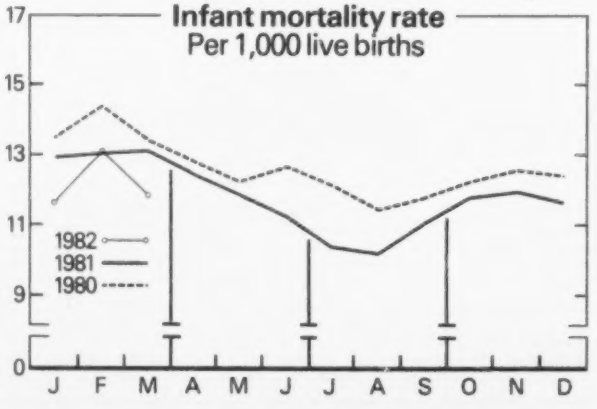
An estimated 104,000 divorces were granted in March 1982. The rate was 5.3 per 1,000 population.

In the first quarter of 1982, 2 percent fewer divorces were reported than in the first quarter of 1981. The rate for January through March was 4 percent below the rate for the same months a year earlier.

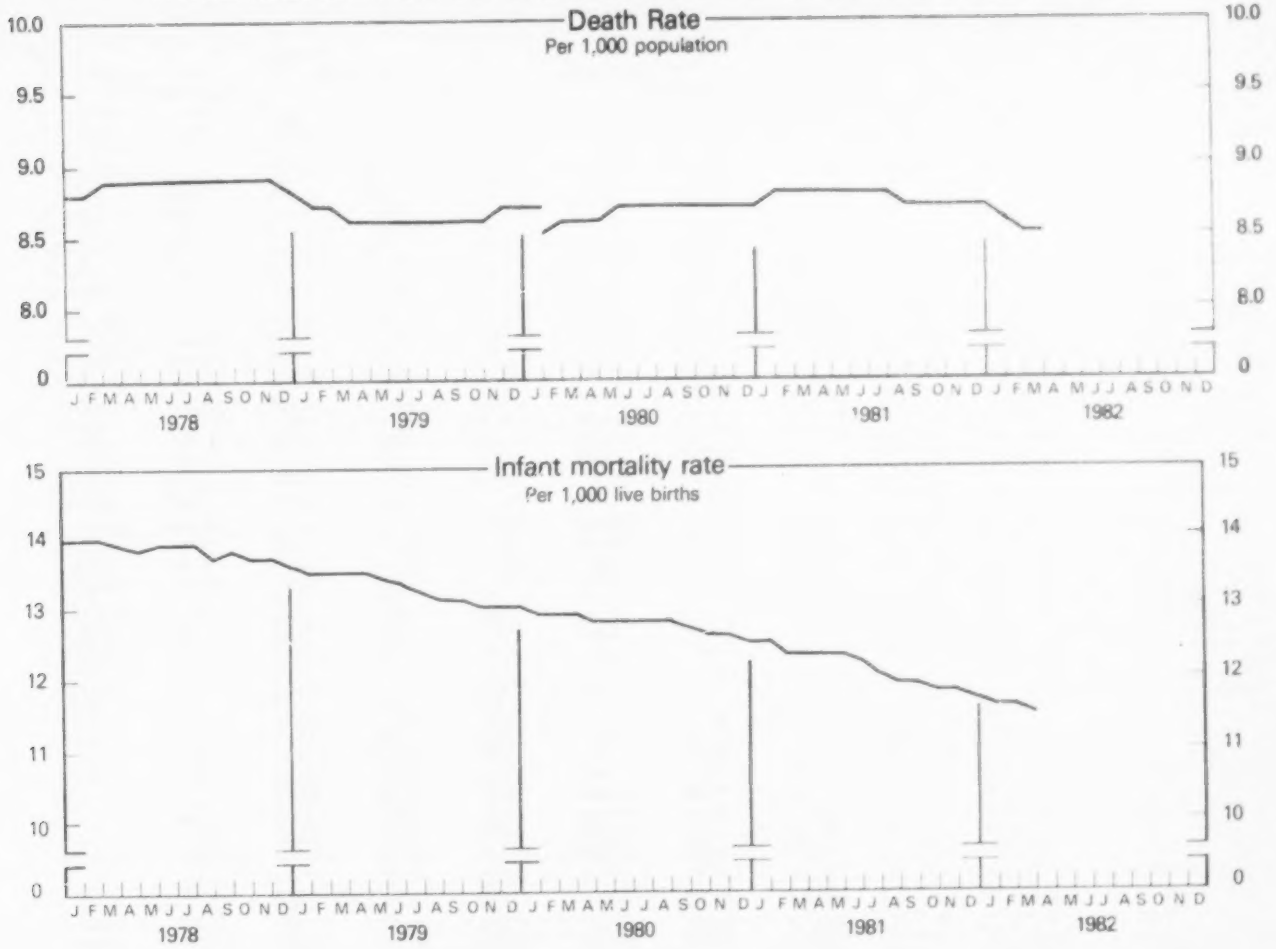
The provisional total of divorces for the 12 months ending with March 1982 was 1,212,000, yielding a rate of 5.3 per 1,000 population. Both the number and rate were almost 2 percent higher than







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

comparable figures for the 12 months ending with March 1981.

Deaths

For March 1982 the provisional count of deaths totaled 172,000, amounting to a rate of 8.8 deaths per 1,000 population. This rate was 3 percent lower than the rate of 9.1 for March 1981. Among the 172,000 deaths for March 1982 were 3,600 deaths at ages under 1 year, yielding an infant mortality rate of 11.8 deaths per 1,000 live births. This rate was 10 percent lower than the infant mortality rate of 13.1 for March 1981.

The provisional death rate for the 12 months ending with February 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12 months ending with February 1981 (8.8). The estimated death rate decreased 4 percent for males (from 9.8 to 9.4 deaths per 1,000 population), 3 percent for females (from 7.8 to 7.6), 3 percent for the white population (from 9.0 to 8.7), and 5 percent for the population of all other races (from 7.8 to 7.4). By age, the death rate was lower for infants under 1 year of age and for each age group 35 years of age and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Leukemia. The estimated death rate increased between the two successive 12-month periods for Ulcer of stomach and duodenum.

The decrease in infant mortality (from 12.3 deaths per 1,000 live births for the 12 months ending with February 1981 to 11.6 for the 12 months ending

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, March 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	March		January-March			March		January-March		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	12,793	[8]13,215	37,416	[8]39,852	[8]38,308	4,400	[8]4,548	15,423	[8]15,298	[8]15,926
Maine	1,371	1,463	3,841	4,372	3,964	559	686	1,758	2,304	2,202
New Hampshire	1,206	[8]1,015	3,068	[8]3,370	[8]3,348	401	[8]447	1,246	[8]1,455	[8]1,466
Vermont	601	655	1,769	1,814	1,764	377	309	894	813	755
Massachusetts	5,989	6,093	18,680	19,102	17,759	1,473	1,685	6,952	6,166	7,031
Rhode Island	983	1,033	2,915	2,928	3,002	343	330	1,042	1,037	1,051
Connecticut	2,643	[8]2,956	7,143	[8]8,266	8,471	1,247	[8]1,091	3,531	[8]3,523	3,421
Middle Atlantic	41,575	40,558	120,230	120,404	111,786	15,777	18,509	48,873	52,619	45,419
New York[1]	20,379	19,316	61,023	59,894	52,457	7,647	10,889	25,914	28,859	21,511
New Jersey	6,794	7,354	20,124	21,684	20,321	2,983	2,962	8,583	8,892	7,805
Pennsylvania	14,402	13,888	39,083	38,826	39,008	5,147	4,658	14,376	14,868	16,103
East North Central	55,990	58,082	155,500	161,332	159,427	24,185	24,670	60,608	63,657	69,662
Ohio	13,157	14,152	39,331	43,409	39,467	6,490	5,659	18,670	17,243	16,983
Indiana	9,216	9,883	19,605	21,337	21,479	5,458	6,249	10,051	11,097	11,097
Illinois	15,144	15,070	43,275	43,249	44,225	6,617	6,236	17,568	18,946	18,979
Michigan	11,483	11,455	33,376	34,236	34,255	3,515	4,201	8,212	10,032	16,374
Wisconsin	6,990	7,522	19,913	19,101	20,001	2,105	2,325	6,107	6,339	6,229
West North Central	22,780	[8]25,133	70,234	[8]70,137	[8]69,319	10,199	[8]10,619	29,219	[8]29,925	[8]29,512
Minnesota	5,389	[8]5,948	16,060	[8]15,861	[8]16,478	1,854	[8]2,438	4,849	[8]5,744	[8]5,083
Iowa	3,748	3,892	11,192	11,393	11,579	1,307	1,411	4,053	4,384	4,205
Missouri	5,825	7,271	20,175	20,322	[8]18,801	3,577	3,574	10,571	10,249	10,858
North Dakota	1,230	1,158	3,249	3,264	3,103	298	287	820	817	771
South Dakota	1,104	1,070	3,159	3,104	3,054	495	539	1,306	1,538	1,567
Nebraska	2,162	2,231	6,530	6,687	6,896	937	870	2,599	2,459	2,356
Kansas	3,322	3,563	9,869	9,500	9,408	1,731	1,500	5,021	4,734	4,672
South Atlantic	47,095	45,255	136,601	133,886	[8]132,720	30,159	28,157	87,501	87,174	86,988
Delaware	750	766	2,194	2,276	2,251	266	233	775	750	703
Maryland	4,784	4,383	13,413	12,731	12,415	3,015	2,831	8,177	8,368	8,012
District of Columbia	1,990	1,607	5,180	4,945	[8]4,156	368	261	985	940	882
Virginia	6,096	6,444	18,591	18,659	18,163	3,959	3,932	11,271	11,346	10,954
West Virginia	2,500	2,546	7,041	7,659	7,740	1,010	1,013	2,938	3,076	3,104
North Carolina	6,872	6,926	20,667	20,469	20,804	3,652	3,030	9,198	8,471	8,465
South Carolina	3,923	4,324	11,790	12,293	12,149	3,582	4,245	10,702	11,804	11,271
Georgia	8,848	7,328	23,743	22,589	23,580	5,215	3,416	16,826	16,777	17,085
Florida	11,332	10,931	33,982	32,265	31,462	9,092	9,196	26,629	25,642	26,512
East South Central	19,808	19,260	60,440	61,570	61,998	11,680	11,541	34,171	35,001	35,800
Kentucky	5,210	4,598	15,540	16,288	16,315	1,645	1,639	5,296	6,759	6,646
Tennessee	5,737	6,256	17,519	17,688	17,577	4,075	4,301	11,649	11,839	11,658
Alabama	5,189	5,185	16,174	16,490	16,454	3,901	3,619	11,299	10,895	11,427
Mississippi	3,672	3,221	11,207	11,104	11,652	2,059	1,982	5,927	5,508	6,069
West South Central	40,477	33,264	115,800	112,050	100,332	31,331	20,141	74,354	69,316	69,989
Arkansas	3,073	2,570	8,100	8,661	9,165	2,960	1,882	5,638	4,661	4,640
Louisiana	7,426	6,636	21,616	21,506	19,648	3,801	2,607	10,162	10,203	9,880
Oklahoma	4,804	4,466	12,973	12,476	12,262	3,861	3,688	9,847	9,684	9,720
Texas	25,174	19,592	73,111	69,407	59,257	20,709	11,964	48,707	44,768	45,749
Mountain	19,335	17,955	55,863	53,155	52,824	[2]9,085	[2]9,372	[2]26,238	[2]26,996	59,671
Montana	1,267	1,163	3,420	3,293	3,417	502	482	1,331	1,449	1,396
Idaho	1,691	1,419	4,764	4,564	4,857	894	908	2,677	2,960	2,569
Wyoming	884	821	2,309	2,428	2,158	439	457	1,234	1,354	1,149
Colorado	4,427	4,470	12,639	11,936	11,840	2,354	2,571	6,964	7,058	6,359
New Mexico[3]	2,055	919	6,398	5,204	4,369	1,312	1,182	3,597	3,611	3,459
Arizona[4]	4,012	4,064	12,803	12,301	12,078	2,145	2,564	6,643	7,302	6,809
Utah	3,775	4,073	11,097	10,089	10,732	1,439	1,208	3,792	3,262	3,313
Nevada	1,224	1,026	2,423	3,340	3,373	---	---	---	---	34,617
Pacific	45,523	51,478	132,853	141,945	134,890	[5]22,927	[8]19,631	[5]56,499	[8]57,469	[8]65,911
Washington	3,904	5,921	15,247	19,179	18,099	3,282	3,665	8,643	9,186	7,444
Oregon	3,689	3,786	10,330	10,799	10,622	1,586	1,618	4,501	4,438	4,417
California	[6]35,571	[6]39,488	100,249	105,244	99,334	[5]16,679	[8]13,117	[5]39,142	[8]39,742	[8]50,500
Alaska	892	789	2,445	2,309	2,178	434	397	1,221	1,219	981
Hawaii	1,467	1,495	4,582	4,414	4,657	946	834	2,992	2,884	2,569
New York City[3]	10,175	9,167	27,799	26,285	25,573	5,416	4,857	13,124	12,523	11,732
Puerto Rico	5,394	5,775	15,392	15,430	---	2,331	2,247	6,568	6,714	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Excludes nonlicensed marriages for California. Estimate included in the total for the United States.
[6] Figure is for a 5-week reporting period.
[8] Revised.

Table 2. Deaths and infant deaths: each reporting area, March 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported, see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	March		January-March			March		January-March		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	7,902	[a]9,873	26,395	[a]30,479	[a]30,737	95	[a]118	378	[a]433	445
Maine	1,038	1,012	2,666	2,813	3,121	15	12	40	36	32
New Hampshire	536	556	1,855	2,100	[a]2,161	10	14	35	35	39
Vermont	481	508	1,181	1,323	1,102	6	6	9	19	18
Massachusetts	2,691	4,799	12,027	14,803	14,261	22	39	149	211	230
Rhode Island	816	805	2,348	2,596	2,574	11	16	29	43	32
Connecticut	2,340	[a]2,193	6,318	[a]6,844	7,518	31	[a]31	116	[a]89	94
Middle Atlantic	29,056	29,912	88,891	97,304	[a]92,502	460	521	1,537	1,562	1,581
New York[1]	13,622	12,762	43,245	46,868	43,822	275	244	852	815	758
New Jersey	5,435	6,802	15,489	18,287	[a]15,719	75	120	258	295	287
Pennsylvania	9,999	10,348	30,157	32,149	32,961	110	157	427	452	536
East North Central	31,679	32,370	91,816	98,288	95,986	648	753	1,813	2,035	[a]2,092
Ohio	7,612	8,561	23,761	26,953	25,493	139	189	428	507	545
Indiana	5,043	5,353	11,979	13,370	12,625	117	134	248	257	266
Illinois	8,719	8,390	25,240	26,738	26,624	214	226	603	625	690
Michigan	6,579	6,130	19,127	20,006	19,231	131	160	405	472	[a]430
Wisconsin	3,726	3,936	11,709	11,221	12,013	47	44	129	174	161
West North Central	13,115	[a]13,733	40,724	[a]42,666	[a]42,001	271	[a]273	808	[a]903	[a]915
Minnesota	2,806	[a]2,699	8,400	[a]8,260	[a]8,363	56	[a]44	152	[a]158	[a]155
Iowa	2,289	2,302	6,869	7,538	7,326	34	39	94	116	152
Missouri	3,730	4,648	12,932	14,022	13,257	81	105	285	392	336
North Dakota	487	501	1,414	1,492	1,498	16	17	41	48	48
South Dakota	563	561	1,618	1,731	1,776	4	12	24	32	25
Nebraska	1,270	1,131	3,782	3,873	3,852	35	22	84	64	85
Kansas	1,970	1,891	5,709	5,750	5,929	45	34	128	93	114
South Atlantic	29,766	30,740	86,926	97,244	90,511	627	702	1,839	2,043	[a]2,021
Delaware	442	396	1,281	1,351	1,327	8	4	21	21	27
Maryland	2,819	2,840	8,257	8,878	8,656	51	61	141	152	[a]139
District of Columbia	660	716	2,016	2,416	2,530	25	42	76	122	142
Virginia	3,524	3,621	10,595	11,423	11,226	82	77	219	238	242
West Virginia	1,760	1,685	4,860	5,588	5,233	32	29	87	101	115
North Carolina	4,291	4,267	12,558	13,700	12,968	100	121	300	296	317
South Carolina	2,148	2,316	6,262	6,888	6,353	65	67	179	196	173
Georgia	3,937	4,679	11,667	14,779	12,211	110	170	343	472	378
Florida	10,185	10,220	29,430	32,221	30,007	164	131	473	445	488
East South Central	11,841	11,971	35,377	38,241	35,736	281	342	866	894	910
Kentucky	3,062	2,908	8,655	9,718	9,028	60	49	194	190	170
Tennessee	3,598	3,944	11,040	12,132	11,150	62	161	231	294	278
Alabama	3,020	3,232	9,499	10,043	9,533	82	77	238	241	255
Mississippi	2,161	1,887	6,183	6,348	6,025	77	55	203	169	207
West South Central	18,199	16,402	53,936	55,620	50,958	442	369	1,445	[a]1,443	1,387
Arkansas	2,061	1,870	5,692	6,211	5,759	27	27	98	98	102
Louisiana	2,995	3,099	9,594	10,285	9,251	85	76	282	[a]282	326
Oklahoma	2,811	2,455	7,773	7,559	7,419	45	40	123	134	129
Texas	10,332	8,978	30,877	31,565	28,529	285	226	942	929	830
Mountain	7,645	7,080	21,871	22,290	20,977	210	280	632	685	663
Montana	555	544	1,579	1,730	1,708	12	17	25	38	29
Idaho	532	576	1,583	1,688	1,620	18	14	49	35	35
Wyoming	221	207	710	686	712	4	6	16	17	11
Colorado	1,914	1,834	5,306	5,270	4,995	43	91	143	174	152
New Mexico	696	742	2,295	2,550	2,226	25	21	67	81	82
Arizona	2,151	1,809	6,341	6,494	5,810	45	75	154	178	173
Utah	852	758	2,425	2,103	2,222	50	42	140	125	139
Nevada	724	610	1,632	1,769	1,684	13	14	38	37	42
Pacific	25,499	26,329	65,650	70,586	70,461	571	[a]607	1,503	[a]1,579	1,799
Washington	2,318	3,300	8,770	10,240	8,265	48	84	168	183	181
Oregon	1,821	1,873	5,388	5,807	5,904	46	47	132	137	162
California	[2]20,730	[2]20,564	49,646	52,689	54,499	[2]450	[2,a]450	1,135	[a]1,178	1,375
Alaska	114	143	392	456	368	10	11	21	31	32
Hawaii	516	449	1,454	1,394	1,425	17	15	47	50	49
New York City	6,500	5,932	18,796	19,586	20,774	163	141	450	464	456
Puerto Rico	1,690	1,678	4,753	4,796	---	97	77	274	220	---

[1] Includes figures shown below for New York City.
[2] Figure is for a 5-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, March 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	March		January-March		
	1982	1981	1982	1981	1980
Total, 49 areas	98,821	[a]99,683	265,358	[a]273,316	[a]260,562
Alabama	2,422	2,430	6,539	6,464	6,537
Alaska	292	336	1,025	945	818
Arizona	1,819	1,589	5,279	4,705	4,752
Arkansas	1,696	1,791	3,696	4,818	4,261
California	13,794	[a]11,521	30,983	[a]32,382	30,899
Colorado	1,129	1,618	4,042	3,965	3,122
Connecticut	829	[a]1,233	2,300	[a]3,152	2,574
Delaware	244	68	631	448	619
District of Columbia	325	311	916	908	707
Florida	6,522	6,662	17,379	17,974	17,156
Georgia	2,627	4,501	8,018	8,995	8,746
Hawaii	340	336	1,047	1,087	1,096
Idaho	521	639	1,522	1,586	1,497
Illinois	4,922	3,278	10,203	11,167	12,037
Iowa	986	986	2,780	2,969	2,743
Kansas	1,184	1,542	3,221	3,532	2,931
Kentucky	1,346	1,323	3,762	4,085	4,541
Maine	374	614	1,367	1,548	1,422
Maryland	1,399	1,390	3,231	3,523	3,809
Massachusetts	2,707	1,724	6,887	5,727	3,164
Michigan	2,710	3,943	8,326	9,177	10,663
Minnesota	1,336	[a]1,448	3,611	[a]3,747	[a]3,650
Mississippi	583	1,056	3,112	3,689	3,228
Missouri	2,071	2,818	6,943	6,660	6,877
Montana	432	401	1,119	1,119	1,213
Nebraska	573	570	1,582	1,605	1,538
Nevada	1,240	1,221	2,244	2,719	3,108
New Hampshire	337	[a]405	1,342	[a]1,297	[a]1,284
New Jersey	2,250	2,219	7,204	6,349	[a]5,855
New Mexico[1]	903	947	2,487	2,688	2,694
New York	6,135	4,510	16,303	14,830	10,238
North Carolina	2,624	2,484	6,222	6,239	6,186
North Dakota	209	218	530	541	489
Ohio	4,938	5,748	13,602	14,280	13,954
Oklahoma	2,142	2,291	5,513	6,090	5,533
Oregon	1,469	1,538	4,211	4,387	4,634
Pennsylvania	3,622	3,328	9,081	8,371	8,415
Rhode Island	311	316	897	942	1,003
South Carolina	1,125	1,135	3,155	3,349	3,304
South Dakota	221	208	638	657	706
Tennessee	2,275	2,268	6,672	7,597	6,837
Texas	7,747	8,310	24,769	23,375	23,579
Utah	784	722	2,109	1,992	1,960
Vermont	206	257	622	608	577
Virginia	2,102	1,969	5,238	5,406	5,388
Washington	2,331	2,676	6,423	6,935	6,244
West Virginia	938	820	2,606	2,742	2,380
Wisconsin	1,367	1,610	3,000	4,924	4,699
Wyoming	362	355	969	1,021	875

[1] Figures include estimates for some counties.
[a] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, March 1981-March 1982

Period	Births			Marriages		
	Number	Rate per 1,000 women 15-44		Number	Rate per 1,000 women 15-44	
		Unadjusted	Seasonally adjusted[1]		Unadjusted	Seasonally adjusted[1]
1981:						
March	295,000	[a]64.8	[a]65.7	[a]147,000	[a]32.2	[a]39.4
April	279,000	[a]63.3	[a]65.8	[a]198,000	[a]44.9	[a]47.1
May	296,000	64.9	[a]67.1	235,000	[a]51.5	48.9
June	292,000	[a]66.1	[a]66.7	287,000	64.9	46.3
July	327,000	[a]71.4	68.7	237,000	51.8	[a]44.5
August	328,000	[a]71.5	[a]66.9	252,000	54.9	44.2
September	319,000	[a]71.9	[a]67.6	216,000	[a]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	66.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	[a]133,000	[a]28.9	[a]43.6
February	277,000	66.4	68.1	[a]141,000	[a]33.9	[a]44.2
March	297,000	64.3	65.1	168,000	36.4	44.6

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.

[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, February 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with February 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	February				January-February				12 months ending with February			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	14,929	9.3	16,926	10.3	32,131	9.1	37,162	10.2	192,166	8.5	200,280	8.8
Male	7,998	10.3	8,994	11.2	17,246	10.0	19,797	11.2	103,730	9.4	108,640	9.8
Female	6,931	8.4	7,932	9.3	14,885	8.1	17,365	9.2	88,436	7.6	91,640	7.8
White	13,004	9.5	14,894	10.5	28,074	9.2	32,613	10.4	168,130	8.7	175,627	9.0
Male	6,893	10.3	7,882	11.4	14,953	10.1	17,263	11.3	90,211	9.5	94,334	9.9
Female	6,111	8.7	7,012	9.7	13,121	8.4	15,350	9.6	77,919	7.8	80,693	8.1
All other	1,925	8.3	2,032	8.6	4,057	7.9	4,549	8.7	24,036	7.4	25,253	7.8
Male	1,105	10.0	1,112	9.9	2,293	9.4	2,534	10.2	13,519	8.7	14,306	9.2
Female	820	6.7	920	7.4	1,764	6.5	2,015	7.3	10,517	6.1	10,947	6.4
Black	1,783	9.3	---	---	3,769	8.9	---	---	---	---	---	---
Male	1,021	11.3	---	---	2,115	10.6	---	---	---	---	---	---
Female	762	7.6	---	---	1,654	7.4	---	---	---	---	---	---
Under 1 year	350	13.7	365	14.0	683	12.1	727	12.7	4,250	11.8	4,386	12.3
1-14 years	123	0.4	180	0.5	254	0.3	339	0.4	1,754	0.4	1,917	0.4
15-24 years	288	1.0	354	1.2	597	0.9	721	1.1	4,298	1.0	4,819	1.1
25-34 years	360	1.3	408	1.5	740	1.2	830	1.4	5,133	1.3	5,076	1.3
35-44 years	422	2.2	479	2.5	887	2.1	1,074	2.5	5,776	2.2	5,896	2.3
45-54 years	933	6.0	1,103	6.7	2,005	5.8	2,364	6.5	12,581	5.7	13,473	5.9
55-64 years	2,092	13.7	2,371	15.0	4,551	13.4	5,279	15.1	28,379	13.1	29,570	13.6
65-74 years	3,482	31.3	3,972	34.8	7,533	30.5	8,593	34.1	45,305	28.8	46,612	29.6
75-84 years	4,075	72.2	4,499	78.7	8,720	69.6	9,883	78.1	49,826	62.7	52,164	66.4
85 years and over	2,795	164.9	3,187	190.4	6,146	163.2	7,335	197.5	34,766	146.2	36,256	157.8
Not stated	9	---	8	---	15	---	17	---	98	---	111	---

[1] Figures for Connecticut and New Jersey are not included in the February sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, February 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with February 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		February				January-February				12 months ending with February			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		14,929	931.3	16,926	1,025.9	32,131	910.2	37,162	1,017.4	192,166	848.9	200,280	883.7
Shigellosis and amebiasis	004,006	-	-	-	-	-	-	-	-	3	0.0	1	0.0
Certain other intestinal infections	007-009	3	0.2	2	0.1	8	0.2	5	0.1	42	0.2	32	0.1
Tuberculosis	010-018	11	0.7	20	1.2	27	0.8	43	1.2	162	0.7	191	0.8
Tuberculosis of respiratory system	010-012	9	0.6	17	1.0	23	0.7	35	1.0	138	0.6	167	0.7
Other tuberculosis	013-018	2	0.1	3	0.2	4	0.1	8	0.2	24	0.1	24	0.1
Whooping cough	033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	-	-	-	-	1	0.0	-	-
Meningococcal infection	036	3	0.2	11	0.7	10	0.3	18	0.5	52	0.2	46	0.2
Septicemia	038	85	5.3	78	4.7	182	5.2	180	4.9	1,008	4.5	954	4.2
Acute poliomyelitis	045	1	0.1	-	-	1	0.0	2	0.1	2	0.0	4	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	7	0.4	7	0.4	11	0.3	15	0.4	72	0.3	79	0.3
Syphilis	090-097	-	-	2	0.1	1	0.0	6	0.2	14	0.1	22	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	31	1.9	24	1.5	54	1.5	74	2.0	389	1.7	380	1.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,173	197.9	3,303	200.2	6,671	189.0	7,104	194.5	41,516	183.4	41,539	183.3
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	70	4.4	63	3.8	135	3.8	135	3.7	815	3.6	844	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	808	50.4	846	51.3	1,739	49.3	1,808	49.5	10,939	48.3	10,896	48.1
Malignant neoplasms of respiratory and intrathoracic organs	160-165	789	49.2	869	52.7	1,674	47.4	1,892	51.8	10,903	48.2	10,836	47.8
Malignant neoplasm of breast	174-175	286	17.8	285	17.3	581	16.5	626	17.1	3,611	16.0	3,542	15.6
Malignant neoplasms of genital organs	179-187	336	21.0	356	21.6	741	21.0	730	20.0	4,572	20.2	4,556	20.1
Malignant neoplasms of urinary organs	188-189	127	7.9	175	10.6	279	7.9	317	8.7	1,720	7.6	1,772	7.8
Malignant neoplasms of all other and unspecified sites	170-173,190-199	455	28.4	416	25.2	886	25.1	945	25.9	5,274	23.3	5,290	23.3
Leukemia	204-208	119	7.4	139	8.4	258	7.3	284	7.8	1,527	6.7	1,697	7.5
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	183	11.4	154	9.3	378	10.7	367	10.0	2,155	9.5	2,106	9.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	63	3.9	61	3.7	117	3.3	116	3.2	684	3.0	639	2.8
Diabetes mellitus	250	270	16.8	299	18.1	548	15.5	653	17.9	3,336	14.7	3,449	15.2
Nutritional deficiencies	260-269	18	1.1	16	1.0	37	1.0	42	1.1	196	0.9	225	1.0
Anemias	280-285	28	1.7	20	1.2	50	1.4	61	1.7	340	1.5	337	1.5
Meningitis	320-322	12	0.7	10	0.6	23	0.7	22	0.6	127	0.6	122	0.5
Major cardiovascular diseases	390-448	7,412	462.4	8,331	504.9	16,275	461.0	18,588	508.9	94,463	417.3	99,274	438.0
Diseases of heart	390-398,402,404-429	5,735	357.8	6,365	385.8	12,579	356.3	14,303	391.6	73,309	323.8	76,608	338.0
Rheumatic fever and rheumatic heart disease	390-398	51	3.2	71	4.3	102	2.9	148	4.1	720	3.2	796	3.5
Hypertensive heart disease	402	146	9.1	187	11.3	334	9.5	400	11.0	2,002	8.8	2,189	9.7
Hypertensive heart and renal disease	404	23	1.4	28	1.7	46	1.3	58	1.6	290	1.3	320	1.4
Ischemic heart disease	410-414	4,187	261.2	4,617	279.8	9,271	262.6	10,476	286.8	54,122	239.1	56,739	250.3
Acute myocardial infarction	410	2,259	140.9	2,384	144.5	4,933	139.7	5,344	146.3	28,530	126.0	30,049	132.6
Other acute and subacute forms of ischemic heart disease	411	37	2.3	36	2.2	99	2.8	86	2.4	445	2.0	434	1.9
Angina pectoris	413	3	0.2	1	0.1	9	0.3	7	0.2	47	0.2	36	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	1,888	117.8	2,196	133.1	4,230	119.8	5,039	138.0	25,100	110.9	26,220	115.7
Other diseases of endocardium	424	53	3.3	64	3.9	120	3.4	138	3.8	668	3.0	718	3.2
All other forms of heart disease	415-423,425-429	1,275	79.5	1,398	84.7	2,706	76.7	3,083	84.4	15,507	68.5	15,846	69.9
Hypertension with or without renal disease	401,403	61	3.8	73	4.4	129	3.7	164	4.5	742	3.3	759	3.3
Cerebrovascular diseases	430-438	1,267	79.0	1,494	90.5	2,784	78.9	3,219	88.1	15,771	69.7	17,044	75.2
Intracerebral and other intracranial hemorrhage	431-432	177	11.0	176	10.7	362	10.3	375	10.3	1,989	8.8	2,040	9.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	227	14.2	291	17.6	523	14.8	630	17.2	2,967	13.1	3,420	15.1
Cerebral embolism	434.1	4	0.2	4	0.2	15	0.4	9	0.2	80	0.4	70	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	859	53.6	1,023	62.0	1,884	53.4	2,205	60.4	10,735	47.4	11,514	50.8
Atherosclerosis	440	197	12.3	243	14.7	464	13.1	561	15.4	2,749	12.1	2,945	13.0
Other diseases of arteries, arterioles, and capillaries	441-448	152	9.5	156	9.5	319	9.0	341	9.3	1,892	8.4	1,918	8.5
Acute bronchitis and bronchiolitis	466	5	0.3	13	0.8	13	0.4	25	0.7	50	0.2	67	0.3
Pneumonia and influenza	480-487	392	24.5	655	39.7	858	24.3	1,629	44.6	4,617	20.4	5,708	25.2

Pneumonia	480-486	387	24.1	558	33.8	847	24.0	1,380	37.8	4,538	20.0	5,295	23.4
Influenza	487	5	0.3	97	5.9	11	0.3	249	6.8	79	0.3	413	1.8
Chronic obstructive pulmonary diseases and allied conditions	490-496	424	26.4	590	35.8	888	25.2	1,312	35.9	5,503	24.3	5,867	25.9
Bronchitis, chronic and unspecified	490-491	26	1.6	51	3.1	50	1.4	110	3.0	329	1.5	434	1.9
Emphysema	492	82	5.1	143	8.7	180	5.1	298	8.2	1,225	5.4	1,454	6.4
Asthma	493	16	1.0	29	1.8	36	1.0	61	1.7	287	1.3	260	1.1
Other chronic obstructive pulmonary diseases and allied conditions	494-496	300	18.7	367	22.2	622	17.6	843	23.1	3,662	16.2	3,719	16.4
Ulcer of stomach and duodenum	531-533	46	2.9	51	3.1	95	2.7	107	2.9	674	3.0	590	2.6
Appendicitis	540-543	4	0.2	5	0.3	7	0.2	6	0.2	69	0.3	64	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	49	3.1	35	2.1	88	2.5	76	2.1	488	2.2	529	2.3
Chronic liver disease and cirrhosis	571	187	11.7	276	16.7	416	11.8	547	15.0	2,790	12.3	3,065	13.5
Cholelithiasis and other disorders of gallbladder	574-575	26	1.6	26	1.6	43	1.2	49	1.3	286	1.3	318	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	155	9.7	163	9.9	313	8.9	337	9.2	1,712	7.6	1,725	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	5	0.3	1	0.1	7	0.2	5	0.1	30	0.1	32	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	14	0.9	13	0.8	33	0.9	26	0.7	180	0.8	224	1.0
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	136	8.5	149	9.0	273	7.7	306	8.4	1,502	6.6	1,469	6.5
Infections of kidney	590	14	0.9	16	1.0	36	1.0	41	1.1	236	1.0	256	1.1
Hyperplasia of prostate	600	7	0.4	2	0.1	9	0.3	7	0.2	55	0.2	79	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	1	0.1	2	0.1	5	0.1	3	0.1	36	0.2	24	0.1
Pregnancy with abortive outcome	630-638	-	-	1	0.1	1	0.0	1	0.0	5	0.0	6	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	1	0.1	1	0.1	4	0.1	2	0.1	31	0.1	18	0.1
Congenital anomalies	740-759	108	6.7	122	7.4	202	5.7	226	6.2	1,301	5.7	1,333	5.9
Certain conditions originating in the perinatal period	760-779	166	10.4	143	8.7	327	9.3	309	8.5	2,134	9.4	2,167	9.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	58	3.6	49	3.0	98	2.8	95	2.6	660	2.9	703	3.1
Other conditions originating in the perinatal period	760-766,770-779	108	6.7	94	5.7	229	6.5	214	5.9	1,474	6.5	1,464	6.5
Symptoms, signs, and ill-defined conditions	780-799	288	18.0	339	20.5	639	18.1	737	20.2	3,650	16.1	3,825	16.9
All other diseases	Residual	900	56.1	1,036	62.8	1,970	55.8	2,210	60.5	11,379	50.3	11,428	50.4
Accidents and adverse effects	E800-E949	648	40.4	804	48.7	1,415	40.1	1,695	46.4	9,654	42.6	10,499	46.3
Motor vehicle accidents	E810-E825	285	17.8	370	22.4	609	17.3	801	21.9	4,809	21.2	5,238	23.1
All other accidents and adverse effects	E800-E807,E826-E949	363	22.6	434	26.3	806	22.8	894	24.5	4,845	21.4	5,261	23.2
Suicide	E950-E959	184	11.5	223	13.5	378	10.7	432	11.8	2,554	11.3	2,652	11.7
Homicide and legal intervention	E960-E978	181	11.3	210	12.7	369	10.5	425	11.6	2,275	10.1	2,461	10.9
All other external causes	E980-E999	27	1.7	31	1.9	45	1.3	60	1.6	295	1.3	327	1.4

[1] Figures for Connecticut and New Jersey are not included in the February sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, February 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with February 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	February				January–February				12 months ending with February			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	350	13.1	365	13.0	683	12.3	727	12.9	4,250	11.6	4,386	12.3
Under 28 days	226	8.4	206	7.1	427	7.7	426	7.6	2,872	7.9	2,916	8.2
28 days to 11 months	124	4.7	159	5.9	256	4.6	301	5.4	1,378	3.8	1,470	4.1
Certain gastrointestinal diseases: 008-009,535,555-558	2	0.1	4	0.1	3	0.0	8	0.1	25	0.1	30	0.1
Pneumonia and influenza: 480-487	9	0.3	6	0.2	16	0.3	12	0.2	75	0.2	89	0.2
Congenital anomalies: 740-759	75	2.8	81	2.9	130	2.3	144	2.5	876	2.4	887	2.5
Disorders relating to short gestation and unspecified low birth weight: 765	24	0.9	27	0.9	58	1.1	67	1.2	370	1.0	384	1.1
Birth trauma: 767	7	0.3	5	0.2	12	0.2	13	0.2	86	0.2	86	0.2
Intrauterine hypoxia and birth asphyxia: 768	15	0.6	11	0.4	21	0.4	23	0.4	141	0.4	154	0.4
Respiratory distress syndrome: 769	36	1.3	33	1.1	65	1.2	59	1.0	431	1.2	461	1.3
Other conditions originating in the perinatal period: 760-764,766,770-779	83	3.1	67	2.3	169	3.1	147	2.6	1,096	3.0	1,070	3.0
Sudden infant death syndrome: 798.0	47	1.8	61	2.2	95	1.7	115	2.0	475	1.3	534	1.5
All other causes: Residual	52	2.0	70	2.6	114	2.0	139	2.5	675	1.8	691	1.9

[1] Figures for Connecticut and New Jersey are not included in the February sample for 1982.

(Continued from page 3)

with February 1982) reflects a 4-percent decrease in the rate for infants under 28 days and a 7-percent decrease in the rate for infants 28 days to 11 months. The estimated death rate for infants under 28 days decreased from 8.2 to 7.9 deaths per 1,000 live births; the estimated rate for infants aged 28 days to 11 months decreased from 4.1 to 3.8 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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3700 East-West Highway
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Provisional Data from the National Center for Health Statistics

Vol. 31, No. 4 • July 14, 1982

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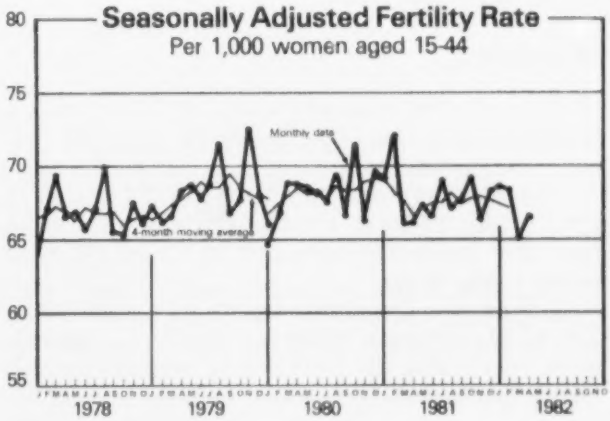
Births, Marriages, Divorces, and Deaths for April 1982

Births

During April 1982 there were an estimated 287,000 live births in the United States, 3 percent more than occurred during April 1981. The birth rate was 15.1 live births per 1,000 population, about 1 percent above the rate for April 1981 (14.9). The fertility rate was 64.1 live births per 1,000 women aged 15-44 years; the seasonally adjusted fertility rate was 66.6. These rates were 1 percent above the comparable rates for April 1981, 63.3 for the fertility rate and 65.8 for the seasonally adjusted fertility rate.

During the first 4 months of 1982 there were an estimated 1,165,000 live births, virtually unchanged from the number occurring during the same period in 1981 (1,164,000). The birth rate for the first 4 months of 1982 was 15.4, and the fertility rate was 65.2. These rates were each about 1 percent below the rates for the comparable period in 1981 (15.5 for the birth rate and 66.1 for the fertility rate).

There were an estimated 3,646,000 live births during the 12-month period ending with April 1982, 1 percent more than occurred during the same period ending with April 1981. The birth rate for this period was 15.8, and the fertility rate was 67.3. These rates were each 1 percent lower than the rates recorded a year earlier.



Provisional Vital Statistics for the United States

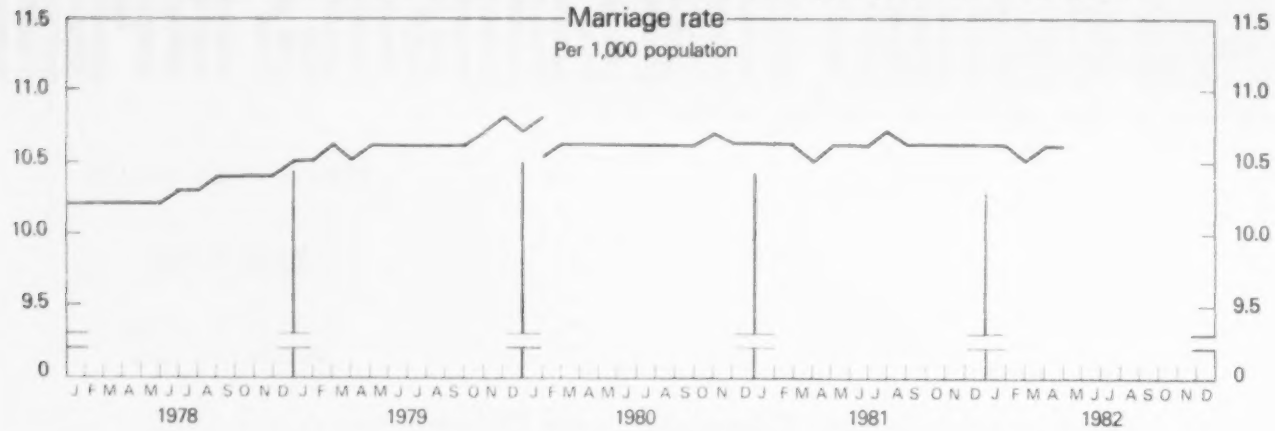
(Data are subject to monthly reporting variation; see Technical notes)

Item	April				January-April				12 months ending with April				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	287,000	279,000	15.1	14.9	1,166,000	1,164,000	15.4	15.5	3,646,000	3,627,000	15.8	15.9	15.6
Deaths	171,000	161,000	9.0	8.5	682,000	713,000	9.0	9.5	1,957,000	2,002,000	8.5	8.8	8.6
Natural increase	116,000	118,000	6.1	6.4	483,000	451,000	6.4	6.0	1,689,000	1,625,000	7.3	7.1	7.0
Marriages	191,000	198,000	10.0	10.5	634,000	635,000	8.4	8.5	2,437,000	2,411,000	10.6	10.6	10.6
Divorces	95,000	105,000	5.0	5.6	375,000	391,000	4.9	5.2	1,203,000	1,193,000	5.2	5.2	5.2
Infant deaths	3,500	3,500	11.9	12.4	14,200	15,100	12.1	12.8	41,900	44,600	11.5	12.3	12.8
Population base (in millions)	...	...	231.0	228.8	...	...	...	...	...	...	230.2	228.0	225.5

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Public Health Service, Office of Health Research, Statistics, and Technology

HE 20. 6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Natural Increase

An estimated 116,000 persons were added to the population in April as a result of natural increase, the excess of births over deaths. The rate of natural increase for the 12-month period ending with April 1982 was 7.3 persons per 1,000 population, 3 percent higher than the rate for the comparable period ending with April 1981 (7.1). This increase was due to the decline in the death rate.

Marriages

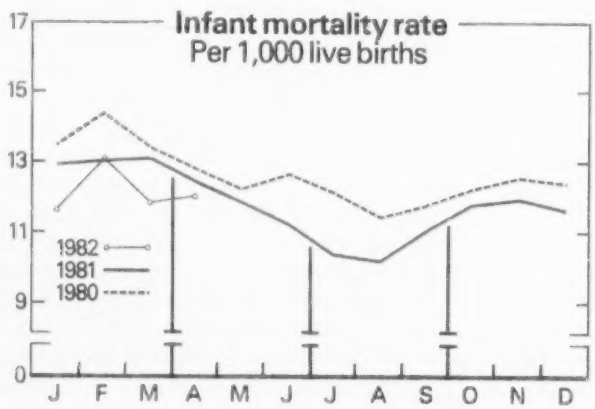
In April 1982 an estimated 191,000 marriages were performed. The marriage rate for April was 10.0 per 1,000 population.

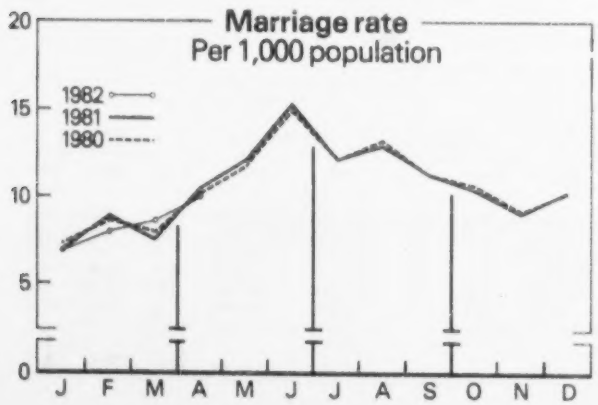
The number of marriages for the first 4 months of 1982 totaled 634,000, and the marriage rate was 8.4 per 1,000 population compared to 8.5 for the same period a year earlier.

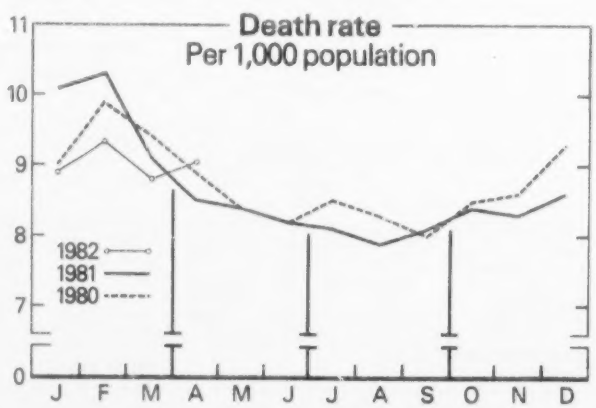
During the 12 months ending with April 1982, 2,437,000 marriages occurred, 26,000 (1 percent) more than during the preceding 12 months. The 12-month marriage rate was 10.6 per 1,000 population, the same as it was for the 12 months ending with April 1981 and April 1980.

Divorces

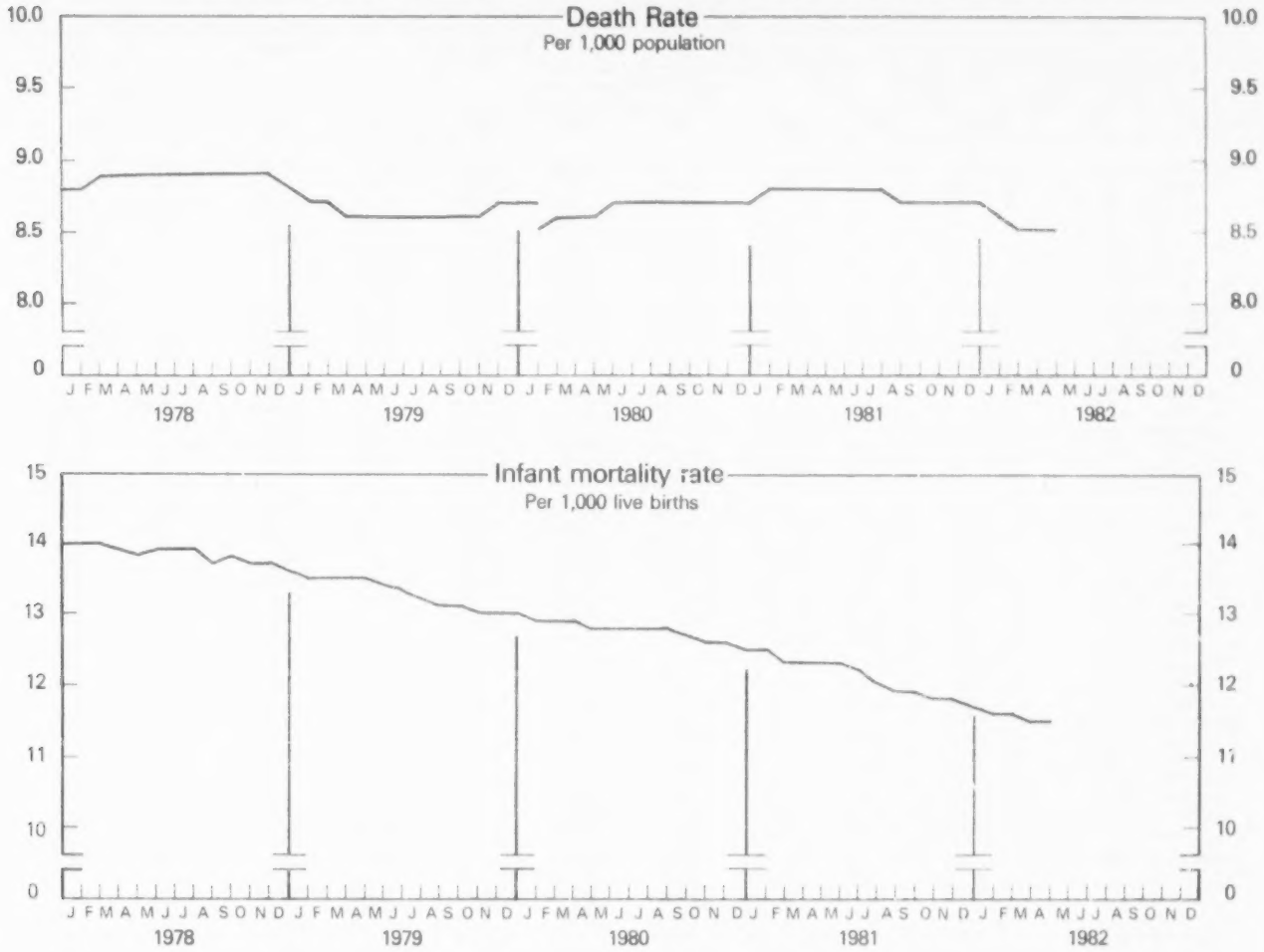
An estimated 95,000 divorces were granted in April 1982. The divorce rate was 5.0 per 1,000 population.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

In the first 4 months of 1982, 375,000 divorces were reported compared to 391,000 for the same period in 1981. The divorce rate for the 4-month period was 4.9 per 1,000 population compared to 5.2 for the same period a year earlier.

During the 12 months ending with April 1982 there were 1,203,000 divorces, an increase of 10,000 over the total for the 12 months ending with April 1981. The divorce rate for the 12 months ending with April was the same in 1982 as it had been in 1981 and 1980 (5.2 per 1,000 population).

Deaths

For April 1982 the provisional count of deaths totaled 171,000, amounting to a rate of 9.0 deaths per 1,000 population. This rate was 6 percent higher than the rate of 8.5 for April 1981. Among the 171,000 deaths for April 1982 were 3,500 deaths at ages under 1 year, yielding an infant mortality rate of 11.9 deaths per 1,000 live births. This rate was 4 percent lower than the infant mortality rate of 12.4 for April 1981.

The provisional death rate for the 12 months ending with March 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12 months ending with March 1981 (8.8). The estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.7 to 7.6), 3 percent for the white population (from 8.9 to 8.6), and 5 percent for the population of all other races (from 7.7 to 7.3). By age, the death rate was lower for infants under 1 year of age and for age groups 45-54 years of age and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases,

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, April 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	April		January-April			April		January-April		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	14,123	[a]12,896	51,539	[a]52,748	51,661	5,841	[a]7,569	21,264	[a]22,867	[a]23,812
Maine	1,378	1,171	5,219	5,543	5,417	667	692	2,425	2,996	3,093
New Hampshire	1,222	[a]1,020	4,290	[a]4,390	4,460	452	657	1,698	2,112	[a]2,171
Vermont	535	726	2,304	2,540	2,330	166	287	1,060	1,100	1,052
Massachusetts	7,110	6,268	25,790	25,370	23,933	2,291	3,885	9,243	10,051	10,644
Rhode Island	1,148	1,062	4,063	3,990	4,027	521	508	1,563	1,545	1,577
Connecticut	2,730	[a]2,649	9,873	[a]10,915	11,494	1,744	[a]1,540	5,275	[a]5,063	5,275
Middle Atlantic	44,823	42,242	165,997	162,646	154,923	23,309	21,016	72,089	73,635	66,043
New York[1]	23,110	21,746	84,133	81,640	74,237	12,160	11,583	38,074	40,442	31,534
New Jersey	9,162	7,818	30,230	29,502	28,269	4,920	4,094	13,410	12,986	11,637
Pennsylvania	12,551	12,678	51,634	51,504	52,417	6,229	5,339	20,605	20,207	22,872
East North Central	52,373	51,947	207,873	213,279	[a]214,821	24,511	30,253	85,119	93,910	[a]97,869
Ohio	13,910	13,513	53,241	56,922	55,052	7,280	6,720	25,950	23,963	23,928
Indiana	6,681	6,385	26,286	27,722	28,311	3,965	3,503	14,016	14,600	15,779
Illinois	14,535	14,187	57,810	57,436	59,716	7,396	7,739	24,964	26,684	26,617
Michigan	11,169	11,761	44,545	45,997	45,907	3,559	9,134	11,771	19,166	22,053
Wisconsin	6,078	6,101	25,991	25,202	[a]25,835	2,311	3,158	8,418	9,497	[a]9,492
West North Central	21,648	[a]21,414	91,882	[a]91,551	[a]92,879	11,122	[a]12,041	40,341	[a]41,966	[a]40,898
Minnesota	5,435	[a]5,731	21,495	[a]21,592	[a]22,090	2,493	[a]2,454	7,342	[a]8,198	[a]7,724
Iowa	3,629	3,521	14,821	14,920	15,451	1,860	1,725	5,913	6,109	6,233
Missouri	5,416	5,146	25,591	25,468	25,536	2,596	3,971	13,167	14,220	13,529
North Dakota	1,086	1,108	4,335	4,372	4,153	360	360	1,180	1,177	1,146
South Dakota	1,046	1,095	4,205	4,199	4,105	547	614	1,853	2,152	2,222
Nebraska	2,216	2,211	8,746	8,898	9,089	1,252	1,039	3,851	3,498	3,431
Kansas	2,820	2,602	12,689	12,102	12,455	2,014	1,878	7,035	6,612	6,613
South Atlantic	41,556	43,421	178,157	177,307	[a]176,391	35,478	35,324	122,979	122,498	119,809
Delaware	847	690	3,041	2,966	3,076	308	295	1,083	1,045	1,054
Maryland	4,473	4,464	17,886	17,195	16,488	3,608	3,421	11,785	11,789	11,278
District of Columbia	1,308	1,219	6,488	6,164	5,893	387	428	1,372	1,368	1,311
Virginia	6,970	5,983	24,661	24,642	24,088	4,940	4,756	16,211	16,102	15,743
West Virginia	2,098	2,285	9,139	9,944	10,049	1,286	1,218	4,224	4,294	4,444
North Carolina	6,533	6,337	27,200	26,806	27,375	4,355	4,065	13,553	12,536	12,211
South Carolina	3,710	3,639	15,500	15,932	15,930	4,589	4,320	15,291	16,124	15,583
Georgia	5,839	8,749	29,582	31,338	[a]32,410	5,788	7,368	22,614	24,145	22,224
Florida	10,678	10,055	44,660	42,320	41,082	10,217	9,453	36,846	35,095	35,961
East South Central	17,584	18,023	78,024	79,593	80,999	12,743	12,757	46,914	47,758	48,651
Kentucky	4,033	4,189	19,573	20,477	21,328	2,447	2,443	7,743	9,202	9,244
Tennessee	5,624	5,726	23,143	23,414	23,360	4,900	4,797	16,549	16,636	15,889
Alabama	4,660	4,666	20,834	21,156	20,993	3,252	3,410	14,551	14,305	15,329
Mississippi	3,267	3,442	14,474	14,546	15,318	2,144	2,107	8,071	7,615	8,189
West South Central	33,940	31,935	149,740	143,985	133,202	25,559	19,854	99,913	89,170	91,694
Arkansas	2,522	2,747	10,622	11,408	12,250	2,324	2,020	7,962	6,681	6,404
Louisiana	6,416	5,226	28,032	26,732	25,132	2,878	2,717	13,040	12,920	13,083
Oklahoma	4,148	3,840	17,121	16,316	16,419	4,398	3,705	14,245	13,389	13,202
Texas	20,854	20,122	93,965	89,529	79,401	15,959	11,412	64,666	56,180	59,005
Mountain	19,952	18,140	75,805	71,295	72,480	[2]10,142	[2]9,559	[2]36,380	[2]36,555	77,113
Montana	1,171	1,187	4,591	4,480	4,516	480	513	1,811	1,962	1,962
Idaho	1,492	1,528	6,256	6,092	6,343	949	899	3,626	3,859	3,367
Wyoming	767	943	3,076	3,371	2,941	466	452	1,700	1,806	1,527
Colorado	4,516	4,232	17,155	16,168	15,728	2,679	2,043	9,643	9,101	9,023
New Mexico[3]	2,766	1,467	9,164	6,671	8,202	1,507	1,289	5,104	4,900	4,764
Arizona[4]	4,330	4,128	17,133	16,429	16,017	2,521	2,874	9,164	10,176	9,535
Utah	3,623	3,693	14,720	13,782	14,137	1,540	1,489	5,332	4,751	4,801
Nevada	1,287	962	3,710	4,302	4,596	---	---	---	---	42,134
Pacific	45,209	43,397	178,062	185,342	173,618	[5]16,130	[a]20,561	[5]72,629	[a]78,030	[a]87,851
Washington	4,795	6,165	20,042	25,344	22,353	3,533	3,656	12,176	12,842	11,629
Oregon	3,620	3,828	13,950	14,627	14,342	1,695	1,462	6,196	5,900	5,894
California	[6]34,308	[6]31,115	134,557	136,359	127,704	[5]9,424	[a]14,164	[5]48,566	[a]53,906	[a]65,445
Alaska	965	865	3,410	3,174	3,025	444	384	1,665	1,603	1,379
Hawaii	1,521	1,424	6,103	5,838	6,194	1,034	895	4,026	3,779	3,504
New York City[3]	9,131	8,766	36,930	35,051	34,673	5,651	5,325	18,775	17,848	16,318
Puerto Rico	4,711	4,052	20,103	19,482	---	2,187	1,973	8,755	8,687	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Excludes nonlicensed marriages for California. Estimate included in the total for the United States.
[6] Figure is for a 4-week reporting period.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, April 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	April		January-April			April		January-April		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	8,606	[a]8,289	35,001	[a]38,768	[a]41,038	91	[a]113	469	[a]546	562
Maine	871	804	3,537	3,617	3,995	13	6	53	42	44
New Hampshire	684	587	2,539	2,687	[a]2,734	9	4	44	39	45
Vermont	332	373	1,513	1,696	1,460	4	2	13	21	23
Massachusetts	3,960	3,907	15,987	18,710	19,903	29	61	178	272	285
Rhode Island	735	691	3,083	3,287	3,316	7	10	36	53	46
Connecticut	2,024	[a]1,927	8,342	[a]8,771	9,630	29	[a]30	145	[a]119	119
Middle Atlantic	32,277	29,719	121,436	127,023	123,256	506	514	2,087	2,076	2,158
New York[1]	15,586	14,751	58,831	61,619	59,075	305	264	1,157	1,079	1,060
New Jersey	6,339	5,181	22,096	23,468	21,298	85	52	387	347	372
Pennsylvania	10,352	9,787	40,509	41,936	42,883	116	198	543	650	726
East North Central	30,634	28,681	122,450	126,969	[a]126,334	682	666	2,495	2,701	[a]2,738
Ohio	8,372	7,999	32,133	34,952	35,092	197	158	625	665	719
Indiana	3,870	3,561	15,849	16,931	16,225	82	68	330	325	335
Illinois	8,342	7,794	33,582	34,532	34,596	209	206	812	831	907
Michigan	6,522	6,058	25,649	26,064	25,182	153	162	558	634	[a]571
Wisconsin	3,528	3,269	15,237	14,490	[a]15,239	41	72	170	246	206
West North Central	13,387	[a]12,042	54,111	[a]54,708	[a]54,595	255	[a]262	1,063	[a]1,165	[a]1,157
Minnesota	2,813	[a]2,510	11,213	[a]10,770	[a]10,992	59	[a]66	211	[a]224	[a]205
Iowa	2,356	2,034	9,225	9,572	9,492	33	26	127	142	201
Missouri	3,896	3,625	16,828	17,647	16,974	67	76	352	468	402
North Dakota	504	455	1,918	1,947	2,008	17	15	58	63	59
South Dakota	630	504	2,248	2,235	2,340	11	9	35	41	39
Nebraska	1,387	1,200	5,169	5,073	5,104	29	26	113	90	113
Kansas	1,801	1,714	7,510	7,464	7,685	39	44	167	137	138
South Atlantic	28,645	27,852	115,691	125,096	117,616	567	614	2,425	2,657	[a]2,653
Delaware	439	401	1,720	1,752	1,748	10	12	31	33	47
Maryland	2,783	2,720	11,040	11,598	11,312	46	47	187	199	[a]180
District of Columbia	691	703	2,827	3,119	3,312	22	39	117	161	191
Virginia	3,536	3,240	14,131	14,663	14,669	82	68	301	306	303
West Virginia	1,636	1,715	6,496	7,303	6,867	24	32	111	133	146
North Carolina	4,197	3,929	16,755	17,629	17,116	95	91	395	387	440
South Carolina	1,942	1,959	8,204	8,847	8,431	58	70	237	266	247
Georgia	4,250	4,098	15,917	18,877	15,337	85	120	428	592	459
Florida	9,171	9,087	38,601	41,308	38,824	145	135	618	580	640
East South Central	11,444	11,287	46,821	49,528	47,066	257	254	1,123	1,148	1,208
Kentucky	2,705	2,708	11,360	12,426	11,950	49	48	243	238	226
Tennessee	3,787	3,667	14,827	15,799	14,676	72	87	303	381	389
Alabama	3,009	3,054	12,568	13,097	12,476	81	71	319	312	331
Mississippi	1,883	1,858	8,066	8,206	7,964	55	48	258	217	262
West South Central	16,910	16,184	70,846	71,804	67,488	471	455	1,916	1,898	1,824
Arkansas	1,957	1,695	7,649	7,906	7,744	20	28	118	126	142
Louisiana	2,822	2,860	12,416	13,145	12,520	84	96	366	378	437
Oklahoma	2,426	2,234	10,199	9,793	9,719	58	56	181	190	167
Texas	9,705	9,395	40,582	40,960	37,505	309	275	1,251	1,204	1,078
Mountain	7,223	6,509	29,094	28,799	27,780	166	170	798	855	878
Montana	563	527	2,142	2,257	2,222	6	7	31	45	40
Idaho	567	536	2,150	2,224	2,127	9	9	58	44	46
Wyoming	276	233	986	919	955	2	6	18	23	18
Colorado	1,751	1,610	7,057	6,880	6,587	39	44	182	218	203
New Mexico	583	375	2,878	2,925	3,053	16	13	83	94	100
Arizona	2,086	1,983	8,427	8,477	7,824	45	59	199	237	238
Utah	720	715	3,145	2,818	2,894	36	24	176	149	180
Nevada	677	530	2,309	2,299	2,118	13	8	51	45	53
Pacific	20,561	19,180	86,211	89,766	90,246	459	[a]497	1,962	[a]2,076	[a]2,292
Washington	2,213	2,414	10,983	12,654	10,864	41	58	209	241	227
Oregon	1,849	1,805	7,237	7,612	7,631	47	46	179	183	204
California	[2]15,896	[2]14,408	65,542	67,097	69,386	[2]344	[2,a]366	1,479	[a]1,544	[a]1,750
Alaska	135	130	527	586	506	10	13	31	44	41
Hawaii	468	423	1,922	1,817	1,859	17	14	64	64	70
New York City	6,364	5,900	25,160	25,486	26,994	165	126	615	590	606
Puerto Rico	1,557	1,397	6,310	6,193	---	53	71	327	291	---

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, April 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	April		January-April		
	1982	1981	1982	1981	1980
Total, 48 areas[1]	90,005	[a]98,989	354,466	[a]371,363	[a]355,945
Alabama	1,752	2,325	8,271	8,789	9,005
Alaska	338	325	1,363	1,270	1,143
Arizona	1,613	1,806	6,892	6,511	6,415
Arkansas	1,319	1,646	5,015	6,464	7,725
California	9,000	[a]10,746	39,983	[a]43,128	[a]43,289
Colorado	1,039	1,801	5,081	5,766	5,961
Connecticut	858	[a]867	3,158	[a]4,019	3,329
Delaware	234	310	865	758	833
District of Columbia	335	310	1,251	1,218	1,109
Florida	6,426	7,177	23,805	25,151	23,211
Georgia	3,508	2,722	11,526	11,717	11,154
Hawaii	346	240	1,393	1,327	1,546
Idaho	621	540	2,143	2,126	2,122
Illinois	4,271	4,819	14,474	15,986	15,551
Iowa	946	1,027	3,726	3,996	3,678
Kansas	1,131	1,291	4,352	4,823	3,842
Kentucky	1,481	1,568	5,243	5,653	5,809
Maine	496	495	1,863	2,043	1,986
Maryland	1,288	1,341	4,519	4,864	5,117
Massachusetts	2,120	1,411	9,007	7,138	5,004
Michigan	2,125	6,774	10,451	15,951	14,151
Minnesota	1,315	[a]1,470	4,926	[a]5,217	[a]4,990
Mississippi	1,109	916	4,221	4,605	4,241
Missouri	1,993	2,429	8,936	9,089	9,078
Montana	390	470	1,509	1,589	1,633
Nebraska	566	580	2,148	2,185	2,101
Nevada	842	1,242	3,086	3,961	4,304
New Hampshire	437	[a]455	1,779	[a]1,752	[a]1,707
New Jersey	2,283	2,243	9,487	8,592	7,724
New Mexico[2]	883	[a]908	3,370	[a]3,596	3,574
New York	5,056	5,623	21,359	20,453	14,955
North Carolina	2,683	2,599	8,905	8,838	8,597
North Dakota	217	185	747	726	661
Ohio	3,788	4,652	17,390	18,932	18,716
Oklahoma	2,119	2,332	7,632	8,422	[a]7,681
Oregon	1,289	1,546	5,500	5,933	6,033
Pennsylvania	3,003	3,155	12,084	11,526	11,705
Rhode Island	---	241	---	1,183	1,306
South Carolina	1,218	1,087	4,373	4,436	4,458
South Dakota	232	208	870	865	958
Tennessee	2,712	2,419	9,384	10,016	9,422
Texas	8,718	7,264	33,487	30,639	31,648
Utah	741	667	2,850	2,649	2,711
Vermont	165	185	787	793	815
Virginia	2,207	2,135	7,445	7,541	7,451
Washington	2,224	2,174	8,647	9,109	8,324
West Virginia	715	801	3,321	3,543	3,066
Wisconsin	1,562	1,340	4,562	6,264	6,228
Wyoming	311	373	1,280	1,394	1,184

[1] Excludes figures for Rhode Island.
[2] Figures include estimates for some counties.
[a] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, April 1981-April 1982

Period	Births			Marriages		
	Number	Rate per 1,000 women 15-44		Number	Rate per 1,000 women 15-44	
		Unadjusted	Seasonally adjusted[1]		Unadjusted	Seasonally adjusted[1]
1981:						
April	279,000	[r]63.3	[r]65.8	[r]198,000	[r]44.9	[r]47.1
May	296,000	64.9	[r]67.1	235,000	[r]51.5	48.9
June	292,000	[r]66.1	[r]66.7	287,000	64.9	46.3
July	327,000	[r]71.4	68.7	237,000	51.8	[r]44.5
August	328,000	[r]71.5	[r]66.9	252,000	54.9	44.2
September	319,000	[r]71.9	[r]67.6	216,000	[r]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	66.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	[r]133,000	[r]28.9	[r]43.6
February	277,000	66.4	68.1	[r]141,000	[r]33.9	[r]44.2
March	297,000	64.3	65.1	168,000	36.4	44.6
April	287,000	64.1	66.6	191,000	42.6	44.7

[1]The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[r]Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, March 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with March 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	March				January-March				12 months ending with March			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	17,370	8.8	16,367	9.1	50,166	9.0	53,529	9.8	193,834	8.5	198,795	8.8
Male	9,249	9.7	8,850	10.1	26,850	9.9	28,647	10.8	104,484	9.4	107,949	9.7
Female	8,121	8.1	7,517	8.1	23,316	8.1	24,882	8.9	89,350	7.6	90,846	7.7
White	15,129	9.0	14,336	9.3	43,816	9.2	46,949	10.0	169,536	8.6	173,782	8.9
Male	7,978	9.8	7,725	10.3	23,258	10.0	24,988	11.0	90,791	9.5	93,822	9.8
Female	7,151	8.3	6,611	8.4	20,558	8.4	21,961	9.1	78,745	7.8	79,960	8.0
All other	2,241	7.9	2,031	7.9	6,350	7.9	6,580	8.4	24,298	7.3	25,013	7.7
Male	1,271	9.4	1,125	9.2	3,592	9.3	3,659	9.8	13,693	8.7	14,127	9.1
Female	970	6.5	906	6.7	2,758	6.5	2,921	7.1	10,605	6.1	10,886	6.4
Black	2,043	8.8	...	...	5,864	8.8	...	...	...	...	...	...
Male	1,148	10.4	...	...	3,291	10.5	...	...	...	...	...	...
Female	895	7.3	...	...	2,573	7.3	...	...	...	...	...	...
Under 1 year	387	12.4	362	12.8	1,073	12.1	1,089	12.7	4,278	11.7	4,382	12.3
1-14 years	157	0.4	168	0.4	414	0.4	507	0.4	1,746	0.4	1,921	0.4
15-24 years	334	0.9	318	1.0	942	0.9	1,039	1.0	4,325	1.0	4,782	1.1
25-34 years	419	1.3	416	1.4	1,165	1.2	1,246	1.4	5,142	1.3	5,079	1.3
35-44 years	504	2.2	463	2.2	1,401	2.1	1,537	2.4	5,827	2.2	5,877	2.2
55-64 years	2,485	13.3	2,438	14.1	7,137	13.4	7,717	14.8	28,527	13.0	29,397	13.5
65-74 years	4,112	30.2	3,872	31.1	11,815	30.4	12,465	33.0	45,715	28.6	46,352	29.5
75-84 years	4,636	67.2	4,249	68.1	13,538	68.8	14,132	74.6	50,395	62.5	51,638	65.7
85 years and over	3,276	158.1	2,986	163.3	9,562	161.8	10,321	185.7	35,196	145.8	35,851	156.1
Not stated	7	...	3	...	22	...	20	...	102	...	98	...

NOTE: Figures for Connecticut, New Jersey, and Vermont are not included in the March sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, March 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with March 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)	March				January-March				12 months ending with March			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes	17,370	879.1	16,367	907.8	50,166	899.5	53,529	979.7	193,834	846.4	198,795	880.9
Shigellosis and amebiasis .004,006	1	0.1	-	-	1	0.0	-	-	4	0.0	1	0.0
Certain other intestinal infections .007-009	3	0.2	7	0.4	11	0.2	12	0.2	38	0.2	34	0.2
Tuberculosis .010-018	15	0.8	10	0.6	42	0.8	53	1.0	167	0.7	181	0.8
Tuberculosis of respiratory system .010-012	12	0.6	10	0.6	35	0.6	45	0.8	140	0.6	162	0.7
Other tuberculosis .013-018	3	0.2	-	-	7	0.1	8	0.1	27	0.1	19	0.1
Whooping cough . 033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas .034-035	3	0.2	-	-	3	0.1	-	-	4	0.0	-	-
Meningococcal infection . 036	8	0.4	6	0.3	18	0.3	24	0.4	54	0.2	49	0.2
Septicemia . 038	* 87	4.4	69	3.8	273	4.9	249	4.6	1,030	4.5	946	4.2
Acute poliomyelitis . 045	-	-	-	-	1	0.0	2	0.0	2	0.0	4	0.0
Measles . 055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis . 070	6	0.3	8	0.4	19	0.3	23	0.4	72	0.3	81	0.4
Syphilis .090-097	-	-	1	0.1	1	0.0	7	0.1	13	0.1	23	0.1
All other infectious and parasitic diseases .001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	44	2.2	37	2.1	98	1.8	111	2.0	396	1.7	377	1.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues .140-208	3,722	188.4	3,350	185.8	10,547	189.1	10,454	191.3	42,042	183.6	41,365	183.3
Malignant neoplasms of lip, oral cavity, and pharynx .140-149	64	3.2	72	4.0	206	3.7	207	3.8	814	3.6	844	3.7
Malignant neoplasms of digestive organs and peritoneum .150-159	978	49.5	892	49.5	2,753	49.4	2,700	49.4	11,061	48.3	10,847	48.1
Malignant neoplasms of respiratory and intrathoracic organs .160-165	988	50.0	872	48.4	2,700	48.4	2,764	50.6	11,057	48.3	10,784	47.8
Malignant neoplasm of breast .174-175	302	15.3	286	15.9	898	16.1	912	16.7	3,642	15.9	3,534	15.7
Malignant neoplasms of genital organs .179-187	388	19.6	366	20.3	1,142	20.5	1,096	20.1	4,607	20.1	4,531	20.1
Malignant neoplasms of urinary organs .188-189	169	8.6	152	8.4	457	8.2	469	8.6	1,746	7.6	1,790	7.9
Malignant neoplasms of all other and unspecified sites 170-173,190-199	506	25.6	431	23.9	1,410	25.3	1,376	25.2	5,367	23.4	5,277	23.4
Leukemia .204-208	149	7.5	123	6.8	417	7.5	407	7.4	1,563	6.8	1,674	7.4
Other malignant neoplasms of lymphatic and hematopoietic tissues .200-203	178	9.0	156	8.7	564	10.1	523	9.6	2,185	9.5	2,084	9.2
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature .210-239	52	2.6	63	3.5	170	3.0	179	3.3	674	2.9	634	2.8
Diabetes mellitus . 250	283	14.3	261	14.5	844	15.1	914	16.7	3,371	14.7	3,408	15.1
Nutritional deficiencies .260-269	31	1.6	19	1.1	70	1.3	61	1.1	210	0.9	224	1.0
Anemias .280-285	27	1.4	27	1.5	79	1.4	88	1.6	342	1.5	337	1.5
Meningitis .320-322	11	0.6	9	0.5	35	0.6	31	0.6	130	0.6	116	0.5
Major cardiovascular diseases .390-448	8,593	434.9	8,161	452.6	25,209	452.0	26,749	489.5	96,236	415.8	98,294	435.5
Diseases of heart .390-398,402,404-429	6,711	339.6	6,273	347.9	19,566	350.8	20,576	376.6	74,023	323.2	75,794	335.8
Rheumatic fever and rheumatic heart disease .390-398	66	3.3	56	3.1	171	3.1	204	3.7	733	3.2	783	3.5
Hypertensive heart disease . 402	193	9.8	161	8.9	535	9.6	561	10.3	2,042	8.9	2,139	9.5
Hypertensive heart and renal disease . 404	26	1.3	25	1.4	74	1.3	83	1.5	293	1.3	312	1.4
Ischemic heart disease .410-414	4,921	249.1	4,659	258.4	14,403	258.2	15,135	277.0	54,595	238.4	56,139	248.8
Acute myocardial infarction . 410	2,556	129.4	2,442	135.4	7,577	135.9	7,786	142.5	28,732	125.5	29,780	132.0
Other acute and subacute forms of ischemic heart disease . 411	44	2.2	28	1.6	145	2.6	114	2.1	463	2.0	418	1.9
Angina pectoris . 413	4	0.2	6	0.3	13	0.2	13	0.2	45	0.2	41	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease .412,414	2,317	117.3	2,183	121.1	6,668	119.6	7,222	132.2	25,355	110.7	25,900	114.8
Other diseases of endocardium . 424	64	3.2	53	2.9	187	3.4	191	3.5	682	3.0	696	3.1
All other forms of heart disease . 415-423,425-429	1,441	72.9	1,319	73.2	4,196	75.2	4,402	80.6	15,678	68.5	15,725	69.7
Hypertension with or without renal disease .401,403	72	3.6	66	3.7	201	3.6	230	4.2	748	3.3	762	3.4
Cerebrovascular diseases .430-438	1,394	70.6	1,411	78.3	4,232	75.9	4,630	84.7	15,808	69.0	16,910	74.9
Intracerebral and other intracranial hemorrhage .431-432	182	9.2	194	10.8	547	9.8	569	10.4	1,980	8.6	2,025	9.0
Cerebral thrombosis and unspecified occlusion of cerebral arteries 434.0,434.9	243	12.3	266	14.8	784	14.1	896	16.4	2,962	12.9	3,382	15.0
Cerebral embolism . 434.1	3	0.2	1	0.1	18	0.3	10	0.2	82	0.4	62	0.3
All other and late effects of cerebrovascular diseases 430,433,435-438	966	48.9	950	52.7	2,883	51.7	3,155	57.7	10,784	47.1	11,441	50.7
Atherosclerosis . 440	251	12.7	240	13.3	723	13.0	801	14.7	2,768	12.1	2,897	12.8
Other diseases of arteries, arterioles, and capillaries .441-448	165	8.4	171	9.5	487	8.7	512	9.4	1,889	8.2	1,931	8.6
Acute bronchitis and bronchiolitis . 466	5	0.3	6	0.3	19	0.3	31	0.6	50	0.2	64	0.3

Pneumonia and influenza	480-487	495	25.1	498	27.6	1,374	24.6	2,127	38.9	4,635	20.2	5,592	24.8
Pneumonia	480-486	481	24.3	461	25.6	1,348	24.2	1,841	33.7	4,578	20.0	5,215	23.1
Influenza	487	14	0.7	37	2.1	26	0.5	296	5.2	57	0.2	377	1.7
Chronic obstructive pulmonary diseases and allied conditions	490-496	575	29.1	516	28.6	1,480	26.5	1,828	33.5	5,579	24.4	5,859	26.0
Bronchitis, chronic and unspecified	490-491	39	2.0	25	1.4	92	1.6	135	2.5	346	1.5	415	1.8
Emphysema	492	129	6.5	116	6.4	314	5.6	414	7.6	1,243	5.4	1,426	6.3
Asthma	493	27	1.4	25	1.4	65	1.2	86	1.6	291	1.3	264	1.2
Other chronic obstructive pulmonary diseases and allied conditions	494-496	380	19.2	350	19.4	1,009	18.1	1,193	21.8	3,699	16.2	3,754	16.6
Ulcer of stomach and duodenum	531-533	66	3.3	48	2.7	163	2.9	155	2.8	694	3.0	583	2.6
Appendicitis	540-543	4	0.2	4	0.2	11	0.2	10	0.2	69	0.3	65	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	42	2.1	39	2.2	133	2.4	115	2.1	494	2.2	526	2.3
Chronic liver disease and cirrhosis	571	238	12.0	235	13.0	665	11.9	782	14.3	2,804	12.2	3,033	13.4
Cholelithiasis and other disorders of gallbladder	574-575	28	1.4	28	1.6	72	1.3	77	1.4	287	1.3	321	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	147	7.4	147	8.2	470	8.4	484	8.9	1,722	7.5	1,709	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	2	0.1	9	0.2	7	0.1	30	0.1	31	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	11	0.6	22	1.2	44	0.8	48	0.9	169	0.7	213	0.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	134	6.8	123	6.8	417	7.5	429	7.9	1,523	6.7	1,465	6.5
Infections of kidney	590	25	1.3	21	1.2	61	1.1	62	1.1	240	1.0	255	1.1
Hyperplasia of prostate	600	4	0.2	3	0.2	14	0.3	10	0.2	57	0.2	78	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	2	0.1	2	0.1	7	0.1	5	0.1	36	0.2	25	0.1
Pregnancy with abortive outcome	630-638	-	-	-	-	1	0.0	1	0.0	5	0.0	6	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	2	0.1	2	0.1	6	0.1	4	0.1	31	0.1	19	0.1
Congenital anomalies	740-759	133	6.7	114	6.3	335	6.0	340	6.2	1,320	5.8	1,331	5.9
Certain conditions originating in the perinatal period	760-779	181	9.2	166	9.2	510	9.1	475	8.7	2,151	9.4	2,171	9.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	53	2.7	56	3.1	152	2.7	151	2.8	658	2.9	703	3.1
Other conditions originating in the perinatal period	760-766,770-779	128	6.5	110	6.1	358	6.4	324	5.9	1,493	6.5	1,468	6.5
Symptoms, signs, and ill-defined conditions	780-799	346	17.5	323	17.9	989	17.7	1,060	19.4	3,677	16.1	3,806	16.9
All other diseases	Residual	1,024	51.8	987	54.7	3,041	54.5	3,197	58.5	11,463	50.1	11,386	50.5
Accidents and adverse effects	E800-E949	710	35.9	724	40.2	2,144	38.4	2,419	44.3	9,659	42.2	10,472	46.4
Motor vehicle accidents	E810-E825	332	16.8	348	19.3	951	17.1	1,149	21.0	4,803	21.0	5,239	23.2
All other accidents and adverse effects	E800-E807,E826-E949	378	19.1	376	20.9	1,193	21.4	1,270	23.2	4,856	21.2	5,233	23.2
Suicide	E950-E959	247	12.5	239	13.3	629	11.3	671	12.3	2,566	11.2	2,648	11.7
Homicide and legal intervention	E960-E978	186	9.4	214	11.9	557	10.0	639	11.7	2,249	9.8	2,467	10.9
All other external causes	E980-E999	26	1.3	25	1.4	71	1.3	85	1.6	296	1.3	328	1.5

[1] Figures for Connecticut, New Jersey, and Vermont are not included in the March sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, March 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with March 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	March				January–March				12 months ending with March			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	387	11.8	362	13.1	1,073	12.1	1,089	13.0	4,278	11.5	4,382	12.3
Under 28 days	255	7.9	229	8.4	684	7.8	655	7.8	2,900	7.8	2,919	8.2
28 days to 11 months	132	3.9	133	4.7	389	4.4	434	5.2	1,378	3.7	1,463	4.1
Certain gastrointestinal diseases (008-009,535,555-558)	2	0.1	4	0.1	5	0.0	12	0.1	23	0.1	30	0.1
Pneumonia and influenza (480-487)	9	0.3	8	0.3	26	0.3	20	0.2	76	0.2	90	0.3
Congenital anomalies (740-759)	94	2.9	81	2.9	224	2.5	225	2.7	889	2.4	892	2.5
Disorders relating to short gestation and unspecified low birthweight (765)	29	0.9	21	0.8	87	1.0	88	1.1	378	1.0	370	1.0
Birth trauma (767)	9	0.3	13	0.5	21	0.2	26	0.3	82	0.2	88	0.2
Intrauterine hypoxia and birth asphyxia (768)	14	0.4	13	0.5	36	0.4	36	0.4	143	0.4	160	0.4
Respiratory distress syndrome (769)	30	0.9	30	1.1	95	1.1	89	1.0	431	1.2	453	1.3
Other conditions originating in the perinatal period (760-764,766,770-779)	96	2.9	89	3.3	266	3.0	236	2.8	1,104	3.0	1,088	3.1
Sudden infant death syndrome (798.0)	47	1.4	46	1.6	143	1.6	161	1.9	477	1.3	519	1.5
All other causes (Residual)	57	1.7	57	2.0	171	1.9	196	2.3	675	1.8	692	1.9

[1] Figures for Connecticut, New Jersey, and Vermont are not included in the March sample for 1982.

(Continued from page 3)

Chronic obstructive pulmonary diseases and allied conditions, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Leukemia. The estimated death rate increased between the two successive 12-month periods for Ulcer of stomach and duodenum.

The 7-percent decrease in infant mortality (from 12.3 deaths per 1,000 live births for the 12 months ending with March 1981 to 11.5 for the 12 months ending with March 1982) reflects a 5-percent decrease in the rate for infants under 28 days and a 10-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.2 to 7.8 deaths per 1,000 live births; the estimated rate for infants aged 28 days to 11 months decreased from 4.1 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

. . .	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

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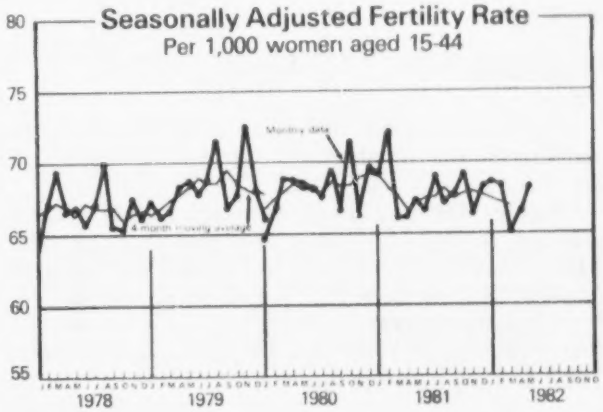
Births, Marriages, Divorces, and Deaths for May 1982

Births

During May 1982 there were an estimated 304,000 live births in the United States, about 3 percent more than occurred during May 1981. The birth rate was 15.5 live births per 1,000 population, 2 percent higher than the rate estimated for May 1981 (15.2). The fertility rate was 65.7 live births per 1,000 women aged 15-44 years; the seasonally adjusted fertility rate was 67.9. These rates were 1 percent above the rates for May 1981: 64.9 for the fertility rate and 67.1 for the seasonally adjusted fertility rate.

During the first 5 months of 1982 there were an estimated 1,469,000 live births, slightly more than the number estimated for this period in 1981 (1,461,000). The birth rate for January through May 1982 was 15.4, the same as the rate for this period in 1981. The fertility rate was 65.3, about 1 percent below the rate for the comparable period in 1981 (65.8).

There were an estimated 3,654,000 live births during the 12-month period ending with May 1982, about 1 percent more than occurred during the same period ending with May 1981 (3,628,000). The birth rate for this period was the same as for June 1980 through May 1981, 15.9. The fertility rate was 67.4, 1 percent lower than the rate recorded 1 year earlier (67.9).



Provisional Vital Statistics for the United States

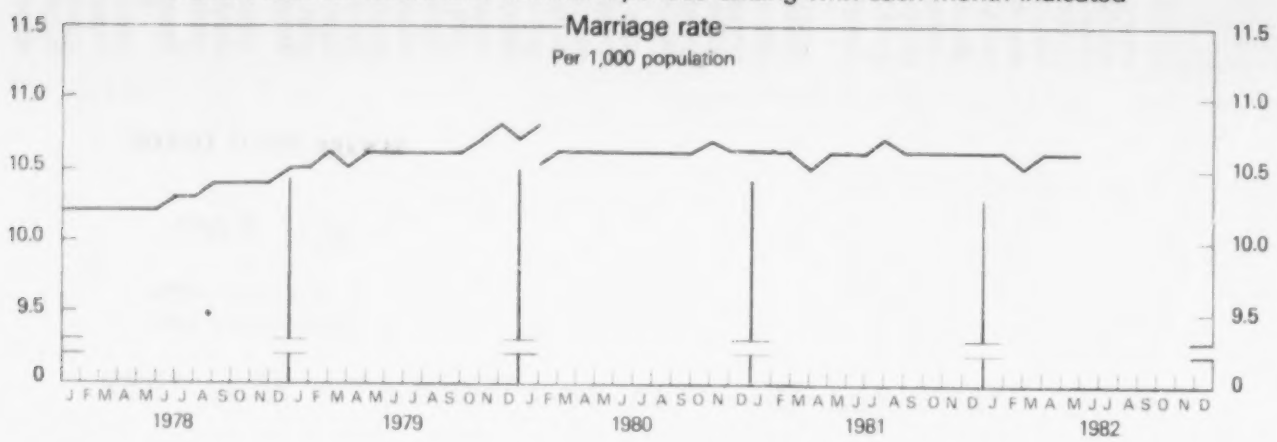
(Data are subject to monthly reporting variation; see Technical notes)

Item	May				January-May				12 months ending with May				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	304,000	296,000	15.5	15.2	1,469,000	1,461,000	15.4	15.4	3,654,000	3,628,000	15.9	15.9	15.7
Deaths	164,000	163,000	8.3	8.4	846,000	875,000	8.9	9.3	1,958,000	2,004,000	8.5	8.8	8.7
Natural increase	140,000	133,000	7.2	6.8	623,000	586,000	6.5	6.1	1,696,000	1,624,000	7.4	7.1	7.0
Marriages	239,000	235,000	12.2	12.1	873,000	870,000	9.1	9.2	2,441,000	2,422,000	10.6	10.6	10.6
Divorces	98,000	103,000	5.0	5.3	478,000	495,000	5.0	5.2	1,202,000	1,195,000	5.2	5.2	5.2
Infant deaths	3,400	3,500	11.1	11.8	17,600	18,600	11.9	12.6	41,800	44,600	11.4	12.3	12.8
Population base (in millions)	...	...	231.1	228.9	...	...	...	...	...	...	230.3	228.2	225.7

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Public Health Service, Office of Health Research, Statistics, and Technology

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Natural Increase

An estimated 140,000 persons were added to the population during May 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 5 months of 1982 was 6.5 persons per 1,000 population, nearly 7 percent higher than the rate for the same period in 1981 (6.1). This increase was due to the decline in the death rate.

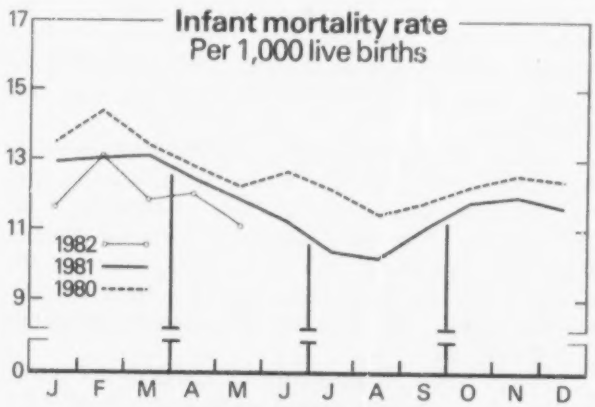
Marriages

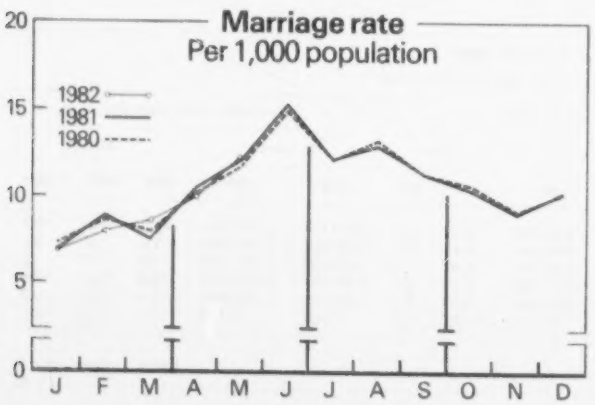
Provisional data indicate continued relative stability in the number and rate of marriages performed.

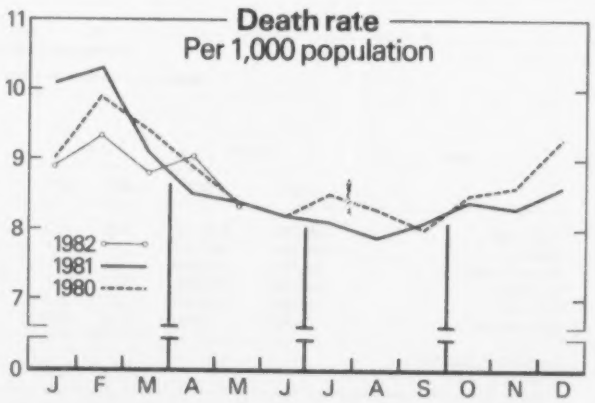
Figures for May 1982 were up slightly from a year ago. A total of 239,000 marriages were reported, 4,000 more than for May 1981, and the marriage rate was 12.2, up from 12.1 per 1,000 population.

There were 3,000 more marriages reported for the first 5 months of 1982 than for the same months of 1981, and the marriage rate was 9.1, down from 9.2.

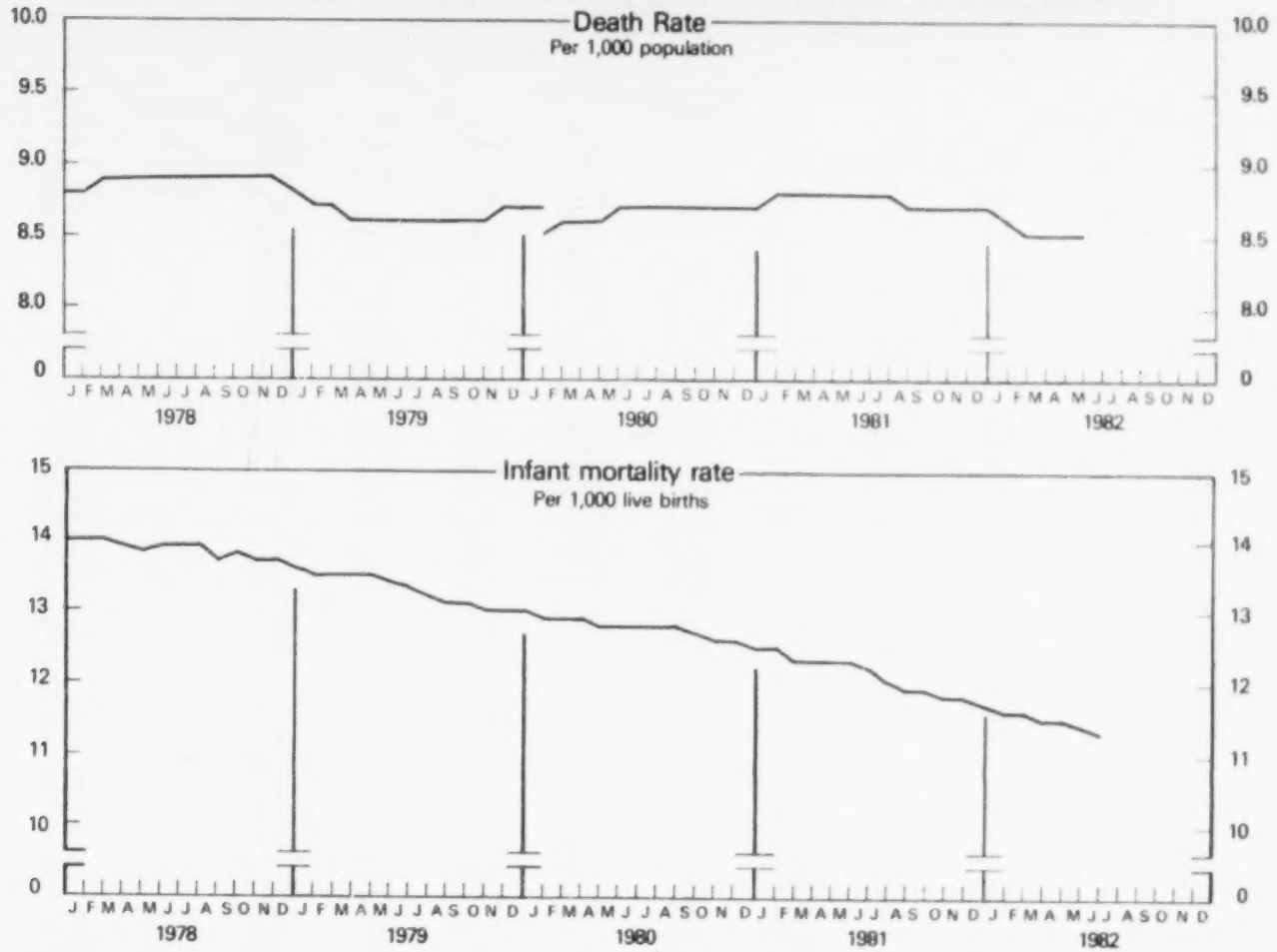
For the 12 months ending with May 1982 the number of marriages reported (2,441,000) was 19,000, or nearly 1 percent, above the number for the preceding 12 months. The marriage rate, however, remained unchanged at 10.6. The provisional 12-month marriage rate has shown little change during the past 2 years.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

The number and rate of divorces reported thus far in 1982 continued slightly below the figures for last year. There were 5,000 fewer divorces reported for May 1982 than for May 1981, and the divorce rate was 5.0 per 1,000 population, down from 5.3.

For January through May 1982, 17,000 fewer divorces were reported, and the divorce rate was 5.0 compared with 5.2 for January through May 1981.

For the 12 months ending with May 1982 the number of divorces reported (1,202,000) was 7,000, or less than 1 percent, above the number for the preceding 12 months. The divorce rate remained unchanged at 5.2. The provisional 12-month divorce rate has been 5.2 or 5.3 for more than 2 years.

Deaths

For May 1982 the provisional count of deaths totaled 164,000, amounting to a rate of 8.3 deaths per 1,000 population. This rate was 1 percent lower than the rate of 8.4 for May 1981. Among the 164,000 deaths for May 1982 were 3,400 deaths at ages under 1 year, yielding an infant mortality rate of 11.1 deaths per 1,000 live births. This rate was 6 percent lower than the infant mortality rate of 11.8 for May 1981.

The provisional death rate for the 12 months ending with April 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12 months ending with April 1981 (8.8). The estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.7 to 7.6), 1 percent for the white population (8.8 to 8.7), and 4 percent for the population of all other races (from 7.7 to 7.4). By age, the death rate was lower for infants under 1 year of age and for age groups 45-54 years of age and over.

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, May 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	May		January-May			May		January-May		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	13,763	[a]13,459	65,302	[a]66,207	[a]65,351	10,238	[a]11,261	31,502	[a]34,128	[a]33,160
Maine	1,295	1,277	6,514	6,820	6,792	1,153	1,216	3,578	4,212	4,448
New Hampshire	1,229	[a]996	5,519	[a]5,386	[a]5,672	890	[a]921	2,588	[a]3,033	[a]3,127
Vermont	845	648	3,149	3,188	2,821	407	450	1,467	1,550	1,470
Massachusetts	6,710	6,713	32,500	32,083	30,284	3,660	4,802	12,903	14,853	13,602
Rhode Island	1,143	1,056	5,206	5,048	5,089	970	952	2,533	2,497	2,413
Connecticut	2,541	2,767	12,414	13,682	14,693	3,158	2,920	8,433	[a]7,983	[a]8,100
Middle Atlantic	41,081	39,202	206,900	201,848	193,154	26,293	29,988	98,636	103,623	95,187
New York[1]	19,356	18,133	103,489	99,773	93,223	10,409	13,582	48,483	54,024	45,789
New Jersey	7,226	7,783	37,278	37,285	35,191	6,742	6,265	20,406	19,251	17,401
Pennsylvania	14,499	13,286	66,133	64,790	64,740	9,142	10,141	29,747	30,348	31,997
East North Central	51,420	54,136	259,293	267,415	[a]268,960	35,944	35,996	121,063	129,906	[a]133,548
Ohio	12,748	14,202	65,989	71,124	69,014	9,289	8,824	35,239	32,787	32,974
Indiana	7,075	6,897	33,361	34,619	35,315	5,569	5,153	19,585	19,753	20,927
Illinois	14,801	14,837	72,611	72,273	75,022	9,610	9,864	34,574	36,548	36,838
Michigan	10,942	11,514	55,487	57,511	57,662	8,060	7,095	19,831	26,261	28,386
Wisconsin	5,854	6,686	31,845	31,888	[a]31,947	3,416	5,060	11,834	14,557	[a]14,423
West North Central	24,705	25,007	116,587	116,558	[a]115,861	19,284	17,846	59,625	59,812	[a]56,187
Minnesota	5,670	6,256	27,165	27,848	[a]27,693	3,634	3,591	10,976	11,789	[a]11,115
Iowa	3,716	4,077	18,537	18,997	19,476	2,741	2,913	8,654	9,022	8,991
Missouri	7,262	6,810	32,853	32,278	31,618	7,483	5,914	20,650	20,134	17,550
North Dakota	1,132	1,189	5,467	5,561	5,210	500	521	1,680	1,698	1,630
South Dakota	991	936	5,196	5,135	5,140	764	742	2,617	2,894	2,960
Nebraska	2,371	2,464	11,117	11,362	11,145	1,799	1,909	5,650	5,407	5,064
Kansas	3,563	3,275	16,252	15,377	15,579	2,363	2,256	9,398	8,868	8,877
South Atlantic	46,133	[a]41,508	223,290	[a]218,815	218,857	38,268	37,599	161,247	160,097	156,477
Delaware	687	772	3,728	3,738	3,779	485	538	1,568	1,583	1,496
Maryland	4,620	4,522	22,506	21,717	20,880	4,685	4,629	16,470	16,418	15,412
District of Columbia	1,322	[a]1,317	7,810	[a]7,481	7,198	531	461	1,903	1,829	1,780
Virginia	6,711	6,159	31,372	30,801	29,941	5,898	6,038	22,109	22,140	21,433
West Virginia	2,211	1,972	11,350	11,916	12,611	1,593	1,547	5,817	5,841	5,926
North Carolina	7,007	6,451	34,207	33,257	34,077	5,027	4,507	18,580	17,043	16,961
South Carolina	4,095	3,757	19,595	19,689	19,680	5,183	5,146	20,474	21,270	20,618
Georgia	7,221	6,023	36,803	37,361	39,561	5,596	5,218	28,210	29,363	28,256
Florida	11,269	10,535	55,919	52,855	51,130	9,270	9,515	46,116	44,610	44,595
East South Central	17,197	17,602	95,221	97,195	99,442	14,403	15,128	61,317	62,886	63,513
Kentucky	4,243	4,334	23,816	24,811	25,575	2,973	2,955	10,716	12,157	12,192
Tennessee	5,213	5,054	28,356	28,468	28,970	5,112	5,500	21,661	22,136	21,407
Alabama	4,552	5,160	25,386	26,316	26,198	3,734	4,098	18,285	18,403	19,172
Mississippi	3,189	3,054	17,663	17,600	18,699	2,584	2,575	10,655	10,190	10,742
West South Central	40,910	33,925	190,650	177,910	167,390	25,600	28,416	125,513	117,586	117,154
Arkansas	2,349	2,573	12,971	13,981	15,150	2,196	2,464	10,158	9,145	8,722
Louisiana	5,552	5,803	33,584	32,535	31,327	3,797	4,698	16,837	17,618	17,051
Oklahoma	4,609	3,830	21,730	20,146	20,620	4,533	4,868	18,778	18,257	17,760
Texas	28,400	21,719	122,365	111,248	100,293	15,074	16,386	79,740	72,566	73,621
Mountain	19,790	19,500	95,595	90,795	92,186	[2]12,069	[2]12,138	[2]48,449	[2]48,693	95,623
Montana	1,250	1,176	5,841	5,656	5,734	645	580	2,456	2,542	2,570
Idaho	1,834	1,964	8,090	8,056	7,933	1,315	1,342	4,941	5,201	4,273
Wyoming	878	745	3,954	4,116	3,733	555	631	2,255	2,437	2,121
Colorado	4,995	4,697	22,150	20,865	20,135	3,538	3,691	13,181	12,792	11,860
New Mexico[3]	1,671	2,186	10,835	8,857	10,833	1,611	1,443	6,715	6,343	6,295
Arizona[4]	4,040	4,063	21,173	20,492	20,121	2,932	2,938	12,096	13,114	12,659
Utah	3,972	3,655	18,692	17,437	18,069	1,473	1,513	6,805	6,264	6,292
Nevada	1,150	1,014	4,860	5,316	5,628	---	---	---	---	49,553
Pacific	42,252	44,210	220,314	229,552	216,888	26,991	[a]25,174	119,066	[a]103,204	[a]116,281
Washington	5,077	5,255	25,119	30,599	27,082	3,627	4,214	15,803	17,056	15,493
Oregon	3,740	3,826	17,699	18,453	18,274	1,824	1,797	8,020	7,697	7,790
California	[5]31,031	[5]32,898	165,588	169,257	160,017	[6]19,833	[a]17,650	87,845	[a]71,556	[a]86,698
Alaska	856	696	4,266	3,870	3,839	427	428	2,092	2,031	1,660
Hawaii	1,539	1,535	7,642	7,373	7,676	1,280	1,085	5,306	4,864	4,640
New York City[3]	8,377	7,714	45,307	42,765	43,611	7,162	5,752	25,937	23,600	22,442
Puerto Rico	3,646	4,891	23,749	24,373	---	1,640	2,258	10,395	10,945	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4-week reporting period.
[6] Includes estimates for some counties.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, May 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	May		January-May			May		January-May		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	9,005	8,768	44,006	47,536	51,011	125	120	594	666	717
Maine	778	799	4,315	4,416	4,823	10	14	63	56	58
New Hampshire	639	603	3,178	3,290	3,358	18	7	62	46	52
Vermont	417	385	1,930	2,081	1,796	2	5	15	26	25
Massachusetts	4,362	4,118	20,349	22,828	25,145	39	52	217	324	373
Rhode Island	779	763	3,862	4,050	4,087	16	12	52	65	59
Connecticut	2,030	2,100	10,372	10,871	11,802	40	30	185	149	150
Middle Atlantic	28,261	28,684	150,008	155,707	151,269	418	517	2,520	2,593	2,688
New York[1]	12,934	13,032	71,765	74,651	71,832	241	211	1,398	1,290	1,333
New Jersey	5,292	5,595	27,699	29,063	26,608	55	124	457	471	491
Pennsylvania	10,035	10,057	50,544	51,993	52,829	122	182	665	832	874
East North Central	28,631	29,181	151,081	156,150	[a]155,116	583	666	3,078	3,367	[a]3,416
Ohio	7,422	7,724	39,555	42,676	43,019	154	143	779	808	861
Indiana	4,025	3,932	19,874	20,863	20,001	68	105	398	430	408
Illinois	8,027	8,082	41,609	42,614	[a]42,465	195	233	1,007	1,064	[a]1,142
Michigan	5,928	5,993	31,577	32,057	31,151	134	151	692	785	[a]739
Wisconsin	3,229	3,450	18,466	17,940	[a]18,480	32	34	202	280	[a]266
West North Central	13,601	13,340	67,712	68,048	[a]66,988	265	257	1,328	1,422	[a]1,420
Minnesota	2,797	2,754	14,010	13,524	[a]13,737	57	66	268	290	[a]260
Iowa	2,335	2,191	11,560	11,763	11,670	37	34	164	176	252
Missouri	4,480	4,560	21,308	22,207	20,666	89	83	441	551	492
North Dakota	469	473	2,387	2,420	2,494	13	22	71	85	68
South Dakota	517	487	2,765	2,722	2,856	10	10	45	51	46
Nebraska	1,192	1,203	6,361	6,276	6,256	29	17	142	107	145
Kansas	1,811	1,672	9,321	9,136	9,309	30	25	197	162	157
South Atlantic	27,930	26,930	143,621	152,026	[a]145,049	591	617	3,016	3,274	[a]3,309
Delaware	431	431	2,151	2,183	2,164	7	8	38	41	54
Maryland	2,917	2,779	13,957	14,377	[a]13,956	56	45	243	244	[a]229
District of Columbia	592	678	3,419	3,797	3,969	19	37	136	198	229
Virginia	3,553	3,321	17,684	17,984	18,125	95	80	396	386	388
West Virginia	1,503	1,447	7,999	8,750	8,368	22	36	133	169	178
North Carolina	4,278	3,961	21,033	21,590	21,091	112	105	507	492	555
South Carolina	2,090	1,938	10,294	10,785	10,402	66	58	303	324	308
Georgia	3,577	3,453	19,494	22,330	19,645	76	84	504	676	574
Florida	8,989	8,922	47,590	50,230	47,329	138	164	756	744	794
East South Central	11,151	11,153	57,972	60,681	57,928	263	260	1,386	1,408	1,442
Kentucky	2,905	2,876	14,265	15,302	14,563	47	47	290	285	272
Tennessee	3,575	3,382	18,402	19,181	18,037	97	89	400	470	456
Alabama	2,880	2,958	15,448	16,055	15,518	67	73	386	385	381
Mississippi	1,791	1,937	9,857	10,143	9,810	52	51	310	268	333
West South Central	17,138	15,137	87,984	86,941	83,147	462	395	2,378	2,293	2,219
Arkansas	1,728	1,671	9,377	9,577	9,519	18	44	136	170	181
Louisiana	3,471	2,989	15,887	16,134	15,144	99	73	465	451	500
Oklahoma	2,340	2,128	12,539	11,921	11,969	51	54	232	244	209
Texas	9,599	8,349	50,181	49,309	46,515	294	224	1,545	1,428	1,329
Mountain	7,287	6,999	36,381	35,798	34,369	228	192	1,026	1,047	1,099
Montana	551	542	2,693	2,799	2,741	13	8	44	53	52
Idaho	604	602	2,754	2,826	2,618	18	17	76	61	60
Wyoming	254	216	1,240	1,135	1,198	2	7	20	30	29
Colorado	1,608	1,639	8,665	8,519	8,161	44	47	226	265	262
New Mexico	931	775	3,809	3,700	3,724	24	26	107	120	120
Arizona	1,887	1,902	10,314	10,379	9,644	63	39	262	276	284
Utah	819	714	3,964	3,512	3,605	45	31	221	180	229
Nevada	633	609	2,942	2,938	2,678	19	17	70	62	63
Pacific	19,280	20,750	105,491	110,516	110,027	435	[a]438	2,397	[a]2,514	[a]2,739
Washington	2,770	2,863	13,753	15,517	14,809	60	28	269	269	313
Oregon	1,908	1,822	9,145	9,434	9,375	35	42	214	225	251
California	[2]13,893	[2]15,505	79,525	82,602	82,940	[2]306	[2,a]342	1,785	[a]1,886	[a]2,047
Alaska	152	142	679	728	630	16	8	47	52	46
Hawaii	467	418	2,389	2,235	2,273	18	18	82	82	82
New York City	5,872	6,071	31,032	31,557	33,086	132	125	747	715	743
Puerto Rico	1,289	1,465	7,599	7,658	---	89	105	416	396	---

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, May 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	May		January-May		
	1982	1981	1982	1981	1980
Total, 48 areas[1]	92,439	[a]97,460	451,109	[a]468,823	[a]451,433
Alabama	2,732	2,521	11,003	11,310	11,348
Alaska	281	283	1,644	1,553	1,460
Arizona	1,565	1,742	8,457	8,253	8,129
Arkansas	1,336	1,651	6,351	8,115	9,579
California	10,629	[a]10,468	54,816	[a]53,596	[a]57,126
Colorado	1,728	1,563	6,809	7,329	6,550
Connecticut	1,010	885	4,168	4,904	4,459
Delaware	337	185	1,202	943	956
District of Columbia	235	387	1,486	1,605	1,367
Florida	5,684	5,623	29,489	30,774	29,072
Georgia	2,572	3,134	14,098	14,851	14,321
Hawaii	423	372	1,816	1,699	1,922
Idaho	506	599	2,649	2,725	2,591
Illinois	4,089	5,474	18,563	21,460	19,613
Iowa	828	994	4,554	4,990	4,646
Kansas	899	1,428	5,251	6,251	4,912
Kentucky	1,046	1,530	6,289	7,183	7,242
Maine	490	530	2,353	2,573	2,529
Maryland	1,241	1,131	5,760	5,995	6,433
Massachusetts	1,880	871	10,887	8,009	6,105
Michigan	4,437	4,919	14,888	20,870	17,859
Minnesota	1,177	1,507	6,103	6,724	[a]6,201
Mississippi	1,097	1,250	5,318	5,855	5,461
Missouri	2,520	2,380	11,456	11,469	11,889
Montana	377	414	1,886	2,003	2,012
Nebraska	510	528	2,658	2,713	2,668
Nevada	1,149	1,245	4,235	5,206	5,456
New Hampshire	441	[a]441	2,220	[a]2,193	[a]2,175
New Jersey	1,391	2,594	10,878	11,186	[a]9,475
New Mexico[2]	749	[a]815	4,119	[a]4,411	4,592
New York	5,927	4,918	27,286	25,371	20,360
North Carolina	2,663	2,724	11,568	11,562	11,116
North Dakota	195	197	942	923	841
Ohio	4,837	4,712	22,227	23,644	23,193
Oklahoma	2,054	2,099	9,686	10,521	9,631
Oregon	1,424	1,367	6,924	7,300	7,447
Pennsylvania	3,310	3,117	15,394	14,643	15,071
Rhode Island	---	279	---	1,462	1,593
South Carolina	1,178	1,261	5,551	5,697	5,593
South Dakota	197	239	1,067	1,104	1,204
Tennessee	2,545	2,742	11,929	12,758	11,989
Texas	7,350	8,260	40,837	38,899	39,094
Utah	615	610	3,465	3,259	3,331
Vermont	200	197	987	990	987
Virginia	2,063	2,025	9,508	9,566	9,407
Washington	1,951	3,272	10,598	12,381	10,721
West Virginia	978	877	4,299	4,420	3,811
Wisconsin	1,268	1,035	5,830	7,299	[a]7,939
Wyoming	325	344	1,605	1,738	1,550

[1] Excludes figures for Rhode Island.
[2] Figures include estimates for some counties.
[a] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, May 1981-May 1982

Period	Births			Marriages		
		Rate per 1,000 women 15-44			Rate per 1,000 women 15-44	
	Number	Unadjusted	Seasonally adjusted[1]	Number	Unadjusted	Seasonally adjusted[1]
1981:						
May	296,000	64.9	[2]67.1	235,000	[2]51.5	48.9
June	292,000	[2]66.1	[2]66.7	287,000	64.9	46.3
July	327,000	[2]71.4	68.7	237,000	51.8	[2]44.5
August	328,000	[2]71.5	[2]66.9	252,000	54.9	44.2
September	319,000	[2]71.9	[2]67.6	216,000	[2]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	66.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	[2]133,000	[2]28.9	[2]43.6
February	277,000	66.4	68.1	[2]141,000	[2]33.9	[2]44.2
March	297,000	64.3	65.1	168,000	36.4	44.6
April	287,000	64.1	66.6	191,000	42.6	44.7
May	304,000	65.7	67.9	239,000	51.7	49.1

[1]The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.

[2]Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, April 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with April 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	April				January-April				12 months ending with April			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	16,659	9.0	15,959	8.5	67,790	9.0	69,488	9.5	195,499	8.5	197,882	8.8
Male	8,781	9.8	8,592	9.4	36,123	9.8	37,239	10.4	105,165	9.4	107,451	9.7
Female	7,878	8.3	7,367	7.6	31,667	8.1	32,249	8.5	90,334	7.6	90,431	7.7
White	14,685	9.3	13,997	8.7	59,361	9.2	60,946	9.7	171,084	8.7	172,959	8.8
Male	7,688	10.0	7,497	9.6	31,387	10.0	32,485	10.6	91,423	9.5	93,381	9.8
Female	6,997	8.6	6,500	7.9	27,974	8.4	28,461	8.8	79,661	7.9	79,578	7.9
All other	1,974	7.4	1,962	7.3	8,429	7.7	8,542	8.1	24,415	7.4	24,923	7.7
Male	1,093	8.6	1,095	8.5	4,736	9.1	4,754	9.5	13,742	8.7	14,070	9.1
Female	881	6.3	867	6.1	3,693	6.4	3,788	6.9	10,673	6.1	10,853	6.4
Black	1,812	8.2	---	---	7,779	8.6	---	---	---	---	---	---
Male	995	9.5	---	---	4,337	10.4	---	---	---	---	---	---
Female	817	7.0	---	---	3,442	7.2	---	---	---	---	---	---
Under 1 year	326	11.2	352	11.9	1,435	11.9	1,441	12.5	4,288	11.7	4,346	12.2
1-14 years	144	0.4	124	0.3	567	0.4	631	0.4	1,775	0.4	1,890	0.4
15-24 years	326	1.0	334	1.0	1,286	0.9	1,373	1.0	4,335	1.0	4,752	1.1
25-34 years	412	1.3	413	1.3	1,598	1.2	1,659	1.4	5,162	1.3	5,099	1.4
35-44 years	451	2.0	487	2.2	1,882	2.1	2,024	2.4	5,821	2.2	5,859	2.2
45-54 years	1,035	5.8	1,033	5.6	4,186	5.7	4,489	6.2	12,637	5.6	13,365	5.9
55-64 years	2,395	13.5	2,341	13.0	9,679	13.4	10,058	14.3	28,728	13.1	29,228	13.4
65-74 years	3,929	30.5	3,821	29.4	15,951	30.4	16,286	32.1	46,030	28.8	46,277	29.4
75-84 years	4,411	67.3	4,191	51.3	18,215	68.3	18,323	68.8	50,881	63.1	51,388	65.4
85 years and over	3,221	163.1	2,856	147.8	12,960	161.7	13,177	176.2	35,738	148.0	35,582	154.9
Not stated	9	...	7	...	31	...	27	...	104	...	96	...

[1]Figures for Connecticut are not included in the April sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, April 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with April 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		April				January-April				12 months ending with April			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		16,659	899.9	15,959	854.8	67,790	899.6	69,488	946.4	195,499	850.1	197,882	878.0
Shigellosis and amebiasis	004,006	-	-	-	-	1	0.0	-	-	4	0.0	1	0.0
Certain other intestinal infections	007-009	2	0.1	3	0.2	13	0.2	15	0.2	37	0.2	34	0.2
Tuberculosis	010-018	18	1.0	16	0.9	60	0.8	69	0.9	169	0.7	187	0.8
Tuberculosis of respiratory system	010-012	12	0.6	15	0.8	47	0.6	60	0.8	137	0.6	168	0.7
Other tuberculosis	013-018	6	0.3	1	0.1	13	0.2	9	0.1	32	0.1	19	0.1
Whooping cough	033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	3	0.0	-	-	4	0.0	-	-
Meningococcal infection	036	7	0.4	6	0.3	25	0.3	30	0.4	55	0.2	52	0.2
Septicemia	038	93	5.0	82	4.4	373	4.9	331	4.5	1,048	4.6	958	4.3
Acute poliomyelitis	045	1	0.1	-	-	2	0.0	2	0.0	3	0.0	3	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	8	0.4	3	0.2	27	0.4	26	0.4	77	0.3	79	0.4
Syphilis	090-097	1	0.1	2	0.1	2	0.0	9	0.1	12	0.1	23	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	27	1.5	24	1.3	125	1.7	135	1.8	399	1.7	370	1.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,542	191.3	3,435	184.0	14,306	189.8	13,889	189.6	42,366	184.2	41,300	183.2
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	72	3.9	60	3.2	285	3.8	267	3.6	833	3.6	836	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	897	48.5	900	48.2	3,713	49.3	3,600	49.1	11,121	48.4	10,805	47.9
Malignant neoplasms of respiratory and intrathoracic organs	160-165	952	51.4	945	50.6	3,710	49.2	3,709	50.6	11,122	48.4	10,809	48.0
Malignant neoplasm of breast	174-175	326	17.6	268	14.4	1,253	16.6	1,180	16.1	3,729	16.2	3,500	15.5
Malignant neoplasms of genital organs	179-187	373	20.1	361	19.3	1,533	20.3	1,457	19.9	4,637	20.2	4,505	20.0
Malignant neoplasms of urinary organs	188-189	145	7.8	145	7.8	607	8.1	614	8.4	1,751	7.6	1,769	7.8
Malignant neoplasms of all other and unspecified sites	170-173,190-199	442	23.9	443	23.7	1,869	24.8	1,819	24.8	5,383	23.4	5,321	23.6
Leukemia	204-208	123	6.6	119	6.4	551	7.3	526	7.2	1,578	6.9	1,632	7.2
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	212	11.5	194	10.4	785	10.4	717	9.8	2,212	9.6	2,123	9.4
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	73	3.9	69	3.7	248	3.3	248	3.4	683	3.0	648	2.9
Diabetes mellitus	250	264	14.3	274	14.7	1,128	15.0	1,188	16.2	3,381	14.7	3,381	15.0
Nutritional deficiencies	260-269	23	1.2	13	0.7	96	1.3	74	1.0	223	1.0	225	1.0
Anemias	280-285	24	1.3	27	1.4	105	1.4	115	1.6	341	1.5	328	1.5
Meningitis	320-322	9	0.5	16	0.9	45	0.6	47	0.6	124	0.5	118	0.5
Major cardiovascular diseases	390-448	8,323	449.6	7,889	422.5	33,998	451.2	34,638	472.8	96,136	418.0	97,695	433.5
Diseases of heart	390-398,402,404-429	6,563	354.5	6,140	328.9	26,510	351.8	26,716	364.6	74,827	325.4	75,406	334.6
Rheumatic fever and rheumatic heart disease	390-398	55	3.0	69	3.7	230	3.1	273	3.7	723	3.1	780	3.5
Hypertensive heart disease	402	164	8.9	178	9.5	705	9.4	739	10.1	2,034	8.8	2,133	9.5
Hypertensive heart and renal disease	404	27	1.5	23	1.2	103	1.4	106	1.4	299	1.3	314	1.4
Ischemic heart disease	410-414	4,786	258.5	4,581	245.4	19,477	258.5	19,716	269.1	55,088	239.5	55,808	247.6
Acute myocardial infarction	410	2,488	134.4	2,344	125.5	10,193	135.3	10,130	138.3	29,004	126.1	29,537	131.1
Other acute and subacute forms of ischemic heart disease	411	49	2.6	38	2.0	197	2.6	152	2.1	477	2.1	421	1.9
Angina pectoris	413	6	0.3	5	0.3	19	0.3	18	0.2	46	0.2	43	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,243	121.2	2,194	117.5	9,068	120.3	9,416	128.5	25,561	111.1	25,807	114.5
Other diseases of endocardium	424	61	3.3	61	3.3	251	3.3	252	3.4	685	3.0	700	3.1
All other forms of heart disease	415-423,425-429	1,470	79.4	1,228	65.8	5,744	76.2	5,630	76.8	15,998	69.6	15,671	69.5
Hypertension with or without renal disease	401,403	64	3.5	63	3.4	266	3.5	293	4.0	750	3.3	770	3.4
Cerebrovascular diseases	430-438	1,315	71.0	1,307	70.0	5,616	74.5	5,937	81.0	15,885	69.1	16,736	74.3
Intracerebral and other intracranial hemorrhage	431-432	179	9.7	169	9.1	741	9.8	738	10.1	2,005	8.7	1,997	8.9
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	245	13.2	239	12.8	1,051	13.9	1,135	15.5	2,990	13.0	3,318	14.7
Cerebral embolism	434.1	8	0.4	6	0.3	26	0.3	16	0.2	84	0.4	65	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	883	47.7	893	47.8	3,798	50.4	4,048	55.3	10,806	47.0	11,356	50.4
Atherosclerosis	440	231	12.5	213	11.4	958	12.7	1,014	13.8	2,790	12.1	2,844	12.6
Other diseases of arteries, arterioles, and capillaries	441-448	150	8.1	166	8.9	648	8.6	678	9.3	1,884	8.2	1,939	8.6

Acute bronchitis and bronchiolitis	466	4	0.2	5	0.3	24	0.3	36	0.5	50	0.2	65	0.3
Pneumonia and influenza	480-487	446	24.1	408	21.9	1,837	24.4	2,535	34.6	4,690	20.4	5,493	24.4
Pneumonia	480-486	429	23.2	401	21.5	1,794	23.8	2,242	30.6	4,623	20.1	5,137	22.8
Influenza	487	17	0.9	7	0.4	43	0.6	293	4.0	67	0.3	356	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	555	30.0	535	28.7	2,065	27.4	2,363	32.3	5,629	24.5	5,946	26.4
Bronchitis, chronic and unspecified	490-491	31	1.7	30	1.6	126	1.7	165	2.3	350	1.5	414	1.8
Emphysema	492	134	7.2	126	6.7	454	6.0	540	7.4	1,257	5.5	1,436	6.4
Asthma	493	21	1.1	27	1.4	89	1.2	113	1.5	288	1.3	270	1.2
Other chronic obstructive pulmonary diseases and allied conditions	494-496	369	19.9	352	18.9	1,396	18.5	1,545	21.1	3,734	16.2	3,826	17.0
Ulcer of stomach and duodenum	531-533	59	3.2	53	2.8	225	3.0	208	2.8	703	3.1	590	2.6
Appendicitis	540-543	5	0.3	8	0.4	16	0.2	18	0.2	66	0.3	66	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	35	1.9	52	2.8	171	2.3	167	2.3	480	2.1	520	2.3
Chronic liver disease and cirrhosis	571	229	12.4	224	12.0	909	12.1	1,006	13.7	2,824	12.3	3,010	13.4
Cholelithiasis and other disorders of gallbladder	574-575	23	1.2	33	1.8	99	1.3	110	1.5	281	1.2	317	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	150	8.1	129	6.9	627	8.3	613	8.4	1,750	7.6	1,682	7.5
Acute glomerulonephritis and nephrotic syndrome	580-581	1	0.1	2	0.1	11	0.1	9	0.1	30	0.1	31	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	12	0.6	13	0.7	56	0.7	61	0.8	168	0.7	207	0.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	137	7.4	114	6.1	560	7.4	543	7.4	1,552	6.7	1,444	6.4
Infections of kidney	590	16	0.9	18	1.0	77	1.0	80	1.1	238	1.0	250	1.1
Hyperplasia of prostate	600	3	0.2	7	0.4	18	0.2	17	0.2	54	0.2	79	0.4
Complications of pregnancy, childbirth, and the puerperium	630-676	2	0.1	2	0.1	9	0.1	7	0.1	36	0.2	23	0.1
Pregnancy with abortive outcome	630-638	1	0.1	-	-	2	0.0	1	0.0	6	0.0	4	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	1	0.1	2	0.1	7	0.1	6	0.1	30	0.1	19	0.1
Congenital anomalies	740-759	108	5.8	119	6.4	452	6.0	459	6.3	1,318	5.7	1,328	5.9
Certain conditions originating in the perinatal period	760-779	139	7.5	163	8.7	669	8.9	638	8.7	2,147	9.3	2,158	9.6
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	30	1.6	46	2.5	190	2.5	197	2.7	650	2.8	700	3.1
Other conditions originating in the perinatal period	760-766,770-779	109	5.9	117	6.3	479	6.4	441	6.0	1,497	6.5	1,458	6.5
Symptoms, signs, and ill-defined conditions	780-799	324	17.5	299	16.0	1,319	17.5	1,359	18.5	3,708	16.1	3,787	16.8
All other diseases	Residual	987	53.3	899	48.2	4,091	54.3	4,096	55.9	11,614	50.5	11,331	50.3
Accidents and adverse effects	E800-E949	737	39.8	745	39.8	2,923	38.8	3,162	43.2	9,695	42.2	10,390	46.1
Motor vehicle accidents	E810-E825	339	18.3	376	20.1	1,307	17.3	1,525	20.8	4,783	20.8	5,214	23.1
All other accidents and adverse effects	E800-E807,E826-E949	398	21.5	367	19.7	1,616	21.4	1,637	22.3	4,912	21.4	5,176	23.0
Suicide	E950-E959	226	12.2	201	10.8	866	11.5	872	11.9	2,602	11.3	2,638	11.7
Homicide and legal intervention	E960-E978	179	9.7	176	9.4	748	9.9	815	11.1	2,264	9.8	2,470	11.0
All other external causes	E980-E999	17	0.9	26	1.4	88	1.2	111	1.5	287	1.2	335	1.5

[1] Figures for Connecticut are not included in the April sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, April 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with April 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	April				January–April				12 months ending with April			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	326	11.9	352	12.4	1435	12.1	1441	12.8	4288	11.5	4346	12.3
Under 28 days	213	7.9	238	8.5	922	7.8	893	8.0	2900	7.8	2897	8.2
28 days to 11 months	113	4.1	114	3.9	513	4.3	548	4.8	1388	3.7	1449	4.1
Certain gastrointestinal diseases (008-009,535,555-558)	2	0.1	2	0.1	8	0.1	14	0.1	24	0.1	30	0.1
Pneumonia and influenza (480-487)	10	0.4	8	0.3	36	0.3	28	0.2	79	0.2	84	0.2
Congenital anomalies (740-759)	75	2.8	85	3.0	307	2.6	310	2.8	867	2.4	895	2.5
Disorders relating to short gestation and unspecified low birthweight (765)	26	1.0	35	1.2	119	1.0	123	1.1	375	1.0	373	1.1
Birth trauma (767)	3	0.1	6	0.2	26	0.2	32	0.3	81	0.2	87	0.2
Intrauterine hypoxia and birth asphyxia (768)	10	0.4	15	0.5	47	0.4	51	0.5	139	0.4	170	0.5
Respiratory distress syndrome (769)	17	0.6	24	0.9	117	1.0	113	1.0	429	1.1	440	1.2
Other conditions originating in the perinatal period (760-764,766,770-779)	83	3.1	81	2.9	355	3.0	317	2.8	1112	3.0	1074	3.0
Sudden infant death syndrome (798.0)	40	1.4	44	1.5	184	1.5	205	1.8	474	1.3	515	1.5
All other causes (Residual)	60	2.2	52	1.8	236	2.0	248	2.2	688	1.8	678	1.9

[1] Figures for Connecticut are not included in the April sample for 1982.

(Continued from page 3)

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Chronic liver disease and cirrhosis, and Homicide and legal intervention. The estimated death rate increased between the two successive 12-month periods for Ulcer of stomach and duodenum.

The 7-percent decrease in infant mortality (from 12.3 deaths per 1,000 live births for the 12 months ending with April 1981 to 11.5 for the 12 months ending with April 1982) reflects a 5-percent decrease in the rate for infants under 28 days and a 10-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.2 to 7.8 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 4.1 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	Percent error of estimate	
	15,000 total deaths in sample each month	180,000 total deaths in sample each year
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000		0.6
50,000		0.4
100,000		0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

. . .	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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nchs MONTHLY VITAL STATISTICS REPORT

Provisional Data from the National Center for Health Statistics

Vol. 31, No. 6 • September 9, 1982

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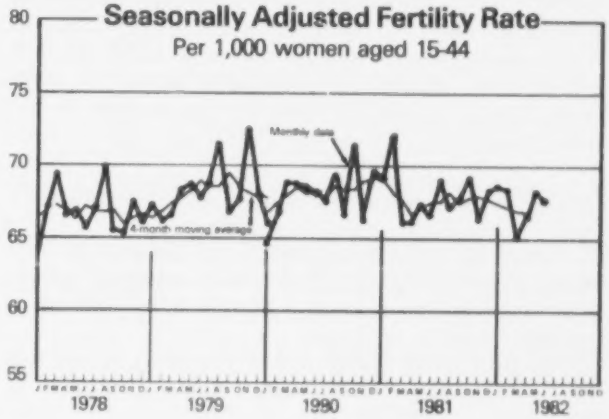
Births, Marriages, Divorces, and Deaths for June 1982

Births

During June 1982 there were an estimated 300,000 live births in the United States, about 3 percent more than occurred during June 1981 (292,000). The birth rate was 15.8 live births per 1,000 population, 2 percent higher than the estimated rate of 15.5 for June 1981. The fertility rate was 67.0 live births per 1,000 women aged 15-44, slightly more than 1 percent higher than the rate of 66.1 for June 1981. The seasonally adjusted fertility rate was 67.6, also slightly more than 1 percent higher than the rate of 66.7 for June 1981.

During the first 6 months of 1982 there were an estimated 1,770,000 live births, 1 percent more than the number estimated for this period in 1981 (1,753,000). The birth rate for January through June 1982 was 15.5, the same as the rate for the comparable period in 1981. The fertility rate was 65.6, less than 1 percent below the rate for the comparable period in 1981 (65.9).

There were an estimated 3,662,000 live births during the 12-month period ending with June 1982, about 1 percent more than occurred during the same period ending with June 1981 (3,628,000). The birth rate for the 12 months ending with June 1982 was the same as for July 1980 through June 1981, 15.9.



Provisional Vital Statistics for the United States

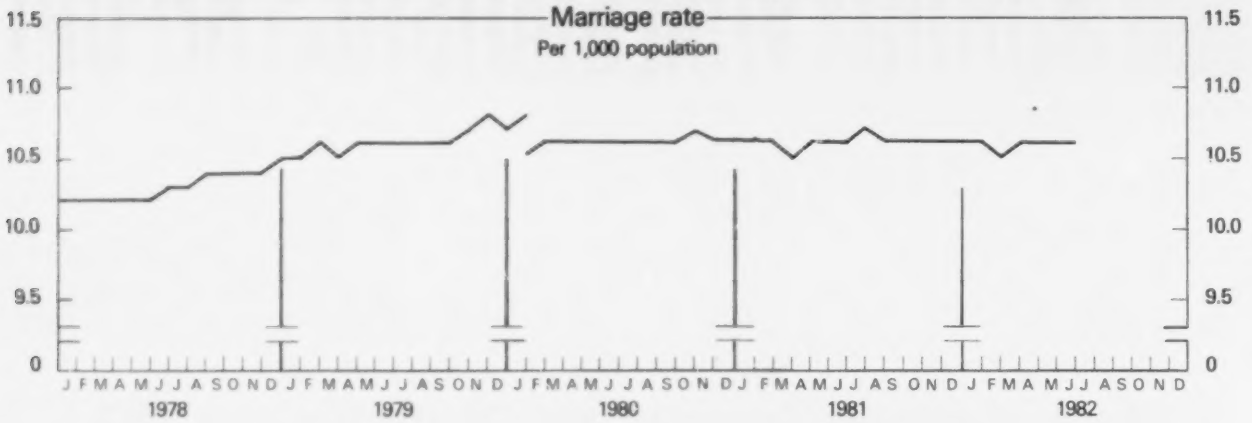
[Data are subject to monthly reporting variation, see Technical notes]

Item	June				January-June				12 months ending with June				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	300,000	292,000	15.8	15.5	1,770,000	1,753,000	15.5	15.5	3,662,000	3,628,000	15.9	15.9	15.7
Deaths	157,000	155,000	8.3	8.2	1,003,000	1,031,000	8.8	9.1	1,960,000	2,006,000	8.5	8.8	8.7
Natural increase	143,000	137,000	7.5	7.3	767,000	722,000	6.7	6.4	1,702,000	1,622,000	7.4	7.1	7.0
Marriages	290,000	287,000	15.3	15.3	1,164,000	1,158,000	10.2	10.2	2,444,000	2,431,000	10.6	10.6	10.6
Divorces	104,000	106,000	5.5	5.6	582,000	601,000	5.1	5.3	1,200,000	1,199,000	5.2	5.3	5.2
Infant deaths	3,200	3,300	10.6	11.2	208,000	21,900	11.7	12.4	41,700	44,200	11.4	12.2	12.8
Population base (in millions)	...	...	231.3	229.1	...	...	...	...	...	...	230.5	228.3	225.9

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, Public Health Service, Office of Health Research, Statistics, and Technology

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

The fertility rate was 67.5, less than 1 percent lower than the rate recorded 1 year earlier (67.8).

Natural Increase

An estimated 143,000 persons were added to the population during June 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 6 months of 1982 was 6.7 persons per 1,000 population, about 5 percent higher than the rate for the same period in 1981 (6.4). This increase was due to the decline in the death rate.

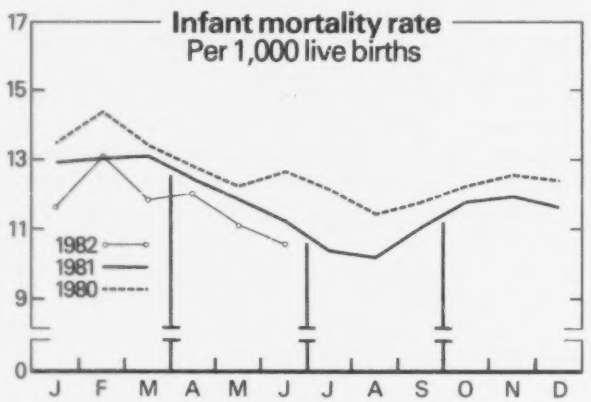
Marriages

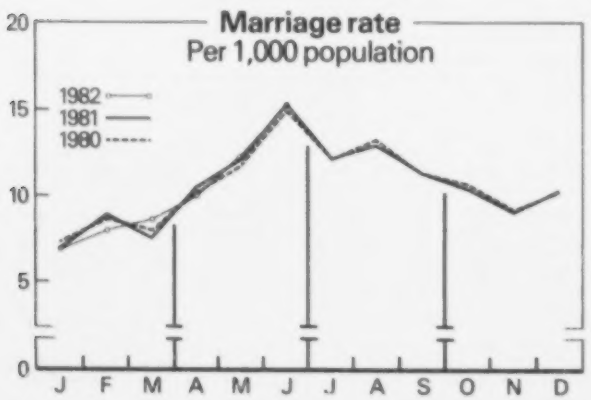
Thus far in 1982, apart from the typical seasonal pattern, marriages have been relatively stable. The numbers are increasing slightly with population growth; the rates are steady.

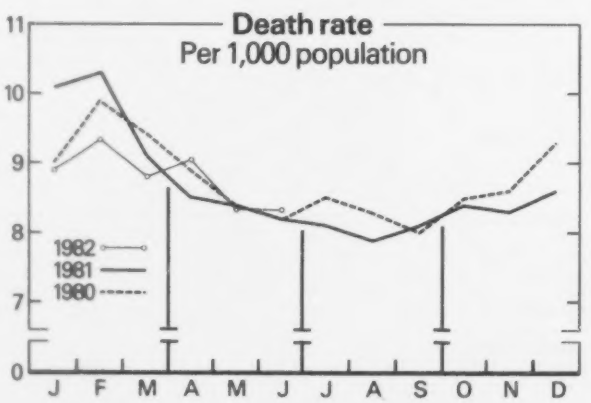
In June 1982 there were 290,000 marriages and the marriage rate was 15.3 per 1,000 population, the same as it was in June 1981.

From January through June 1982 there were 1,164,000 marriages. The rate was 10.2 per 1,000 population, the same as it was in the first 6 months of 1981.

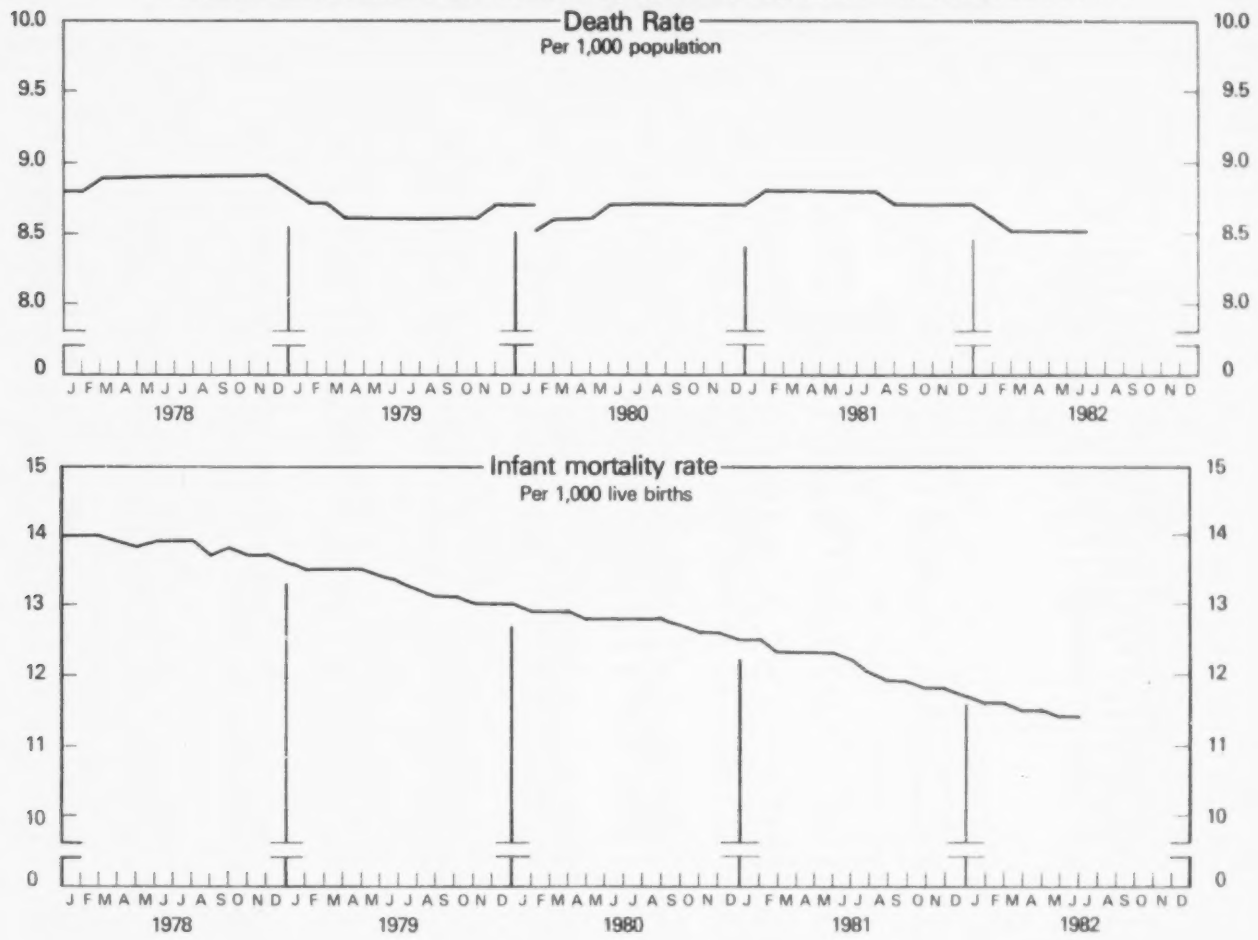
During the 12 months ending with June 1982 there were 2,444,000 marriages, generating a rate of 10.6 per 1,000 population. Again, this rate was the same as the rate for the comparable period in 1981.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

and also the same as the rate for the 12 months ending with June 1980.

Divorces

Provisional reports indicate that the divorce rate has leveled off and is starting to decline.

In June 1982, 104,000 divorces were granted. The divorce rate was 5.5 per 1,000 population, 2 percent below the rate for June 1981.

During the first 6 months of 1982 there were 582,000 divorces. The rate was 5.1 per 1,000 population, 4 percent below the rate for January through June 1981.

In the 12 months ending with June 1982 there were 1,200,000 divorces. The 12-month rate, 5.2 per 1,000 population, was 2 percent below the rate for the 12 months ending with June 1981 and the same as the rate for the 12 months ending with June 1980.

Deaths

For June 1982 the provisional count of deaths totaled 157,000, amounting to a rate of 8.3 deaths per 1,000 population. This rate was 1 percent higher than the rate of 8.2 for June 1981. Among the 157,000 deaths for June 1982 were 3,200 deaths at ages under 1 year, yielding an infant mortality rate of 10.6 deaths per 1,000 live births. This rate was 5 percent lower than the infant mortality rate of 11.2 for June 1981.

The provisional death rate for the 12 months ending with May 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12 months ending with May 1981 (8.8). The estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.7 to 7.6), 2 percent for the white

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, June 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	June		January-June			June		January-June		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	11,836	[a]12,069	77,138	[a]78,276	77,932	11,280	[a]11,147	42,780	[a]45,275	[a]47,550
Maine	1,273	1,413	7,787	8,233	7,942	1,545	1,349	5,123	5,561	6,396
New Hampshire	1,065	[a]1,063	6,584	[a]6,449	6,744	1,152	[a]1,214	3,740	[a]4,247	[a]3,963
Vermont	609	612	3,758	3,800	3,403	649	525	2,116	2,075	1,987
Massachusetts	5,411	5,295	37,911	37,131	36,131	3,644	3,963	16,547	18,816	20,537
Rhode Island	1,128	1,067	6,334	6,115	6,124	982	901	3,515	3,398	3,412
Connecticut	2,350	2,619	14,764	16,301	17,588	3,308	3,195	11,739	[a]11,178	11,255
Middle Atlantic	41,757	39,926	249,357	241,774	230,722	33,092	34,834	131,850	138,457	128,057
New York[1]	20,938	19,216	124,427	118,989	111,900	14,576	16,577	63,059	70,601	61,389
New Jersey	7,837	7,973	46,815	45,258	42,724	6,799	6,722	27,327	25,973	24,112
Pennsylvania	12,982	12,737	79,115	77,527	76,098	11,717	11,535	41,464	41,883	42,556
East North Central	51,821	50,772	311,100	318,187	[a]324,205	46,240	45,642	167,303	175,548	[a]179,318
Ohio	11,906	11,552	77,897	82,676	83,445	11,241	11,712	46,480	44,499	44,827
Indiana	6,604	6,504	39,965	41,123	42,775	6,605	6,707	26,190	26,460	28,054
Illinois	14,518	15,016	87,115	87,289	89,895	12,620	12,188	47,194	48,736	48,348
Michigan	12,090	11,538	67,577	69,049	69,885	10,701	10,244	30,532	36,505	38,898
Wisconsin	6,701	6,162	38,546	38,050	[a]38,205	5,073	4,791	16,907	19,348	[a]19,191
West North Central	22,884	23,149	139,471	139,707	[a]140,464	22,430	22,605	82,055	82,417	[a]81,348
Minnesota	5,776	5,511	32,941	33,359	[a]33,247	5,342	4,776	16,318	16,565	[a]16,337
Iowa	3,686	3,642	22,223	22,630	23,288	3,706	3,583	12,360	12,605	12,510
Missouri	5,870	5,907	38,723	38,185	39,000	5,893	6,983	26,543	27,117	26,803
North Dakota	1,155	1,147	6,622	6,708	6,300	1,061	990	2,741	2,688	2,567
South Dakota	1,145	1,155	6,341	6,290	6,177	1,299	1,208	3,916	4,102	4,199
Nebraska	2,129	2,279	13,246	13,641	13,634	1,582	1,805	7,232	7,212	6,846
Kansas	3,123	3,508	19,375	18,885	18,818	3,547	3,260	12,945	12,128	12,086
South Atlantic	47,129	44,174	270,419	262,989	260,801	46,941	45,375	208,188	205,472	198,999
Delaware	823	763	4,551	4,501	4,620	490	540	2,058	2,123	2,044
Maryland	4,957	4,329	27,463	26,046	25,088	5,709	4,515	22,179	21,933	21,260
District of Columbia	1,711	1,208	9,521	8,689	8,407	801	745	2,704	2,574	2,376
Virginia	6,433	6,210	37,805	37,011	36,148	7,312	7,123	29,421	29,263	28,430
West Virginia	2,425	2,381	13,775	14,297	14,950	2,042	2,056	7,859	7,897	8,136
North Carolina	6,935	6,735	41,142	39,992	40,777	6,282	5,924	24,862	22,967	22,999
South Carolina	3,918	3,844	23,513	23,533	23,612	4,760	5,790	25,234	27,060	26,203
Georgia	8,539	7,959	45,342	45,320	45,808	6,018	5,954	34,228	35,317	32,804
Florida	11,388	10,745	67,307	63,600	61,391	13,527	11,728	59,643	56,338	54,747
East South Central	18,786	17,563	114,007	114,758	119,007	17,929	18,532	79,246	81,418	80,347
Kentucky	4,637	4,273	28,453	29,084	30,572	4,501	3,505	15,217	15,662	15,172
Tennessee	5,730	5,731	34,092	34,199	35,157	5,957	6,563	27,618	28,699	27,081
Alabama	4,655	4,280	30,041	30,596	30,822	4,523	5,389	22,808	23,792	24,288
Mississippi	3,758	3,279	21,421	20,879	22,456	2,948	3,075	13,603	13,265	13,866
West South Central	33,864	31,994	224,514	209,904	201,457	29,610	25,020	155,123	142,606	[a]140,102
Arkansas	2,584	2,702	15,555	16,683	17,930	3,538	2,893	13,696	12,038	11,463
Louisiana	7,278	6,344	40,862	38,879	37,341	4,755	3,930	21,592	21,548	[a]21,695
Oklahoma	4,616	4,301	26,346	24,447	24,207	5,276	5,139	24,054	23,396	22,720
Texas	19,386	18,647	141,751	129,895	121,979	16,041	13,058	95,781	85,624	84,224
Mountain	19,071	19,047	114,666	109,842	110,705	[2]14,815	[2]14,998	[2]63,264	[2]63,691	[a]120,914
Montana	1,223	1,145	7,064	6,801	6,941	1,183	1,111	3,639	3,653	3,646
Idaho	1,527	1,561	9,617	9,617	9,773	1,587	1,500	6,528	6,701	6,062
Wyoming	855	857	4,809	4,973	4,522	814	701	3,089	3,138	2,910
Colorado	4,843	4,622	26,993	25,487						
New Mexico[3]	1,586	1,891	12,421	10,748	13,027	1,938	1,932	8,653	8,275	8,207
Arizona[4]	4,318	4,081	25,491	24,573	23,933	3,303	3,353	15,399	16,467	[a]15,288
Utah	3,672	3,609	22,364	21,046	21,632	2,258	2,224	9,063	8,488	8,323
Nevada	1,047	1,281	5,907	6,597	6,640	---	---	---	---	61,211
Pacific	51,666	51,820	271,980	281,372	262,849	31,987	[a]38,821	151,053	[a]142,025	[a]147,886
Washington	5,014	7,181	30,133	37,780	35,034	4,834	5,108	20,637	22,164	20,415
Oregon	3,601	3,892	21,300	22,345	21,891	2,769	2,680	10,789	10,377	10,356
California	[5]40,802	[5]38,333	206,390	207,590	192,240	[6]22,587	[a]29,345	[6]110,432	[a]100,901	[a]109,098
Alaska	806	993	5,072	4,863	4,604	567	587	2,659	2,618	2,218
Hawaii	1,443	1,421	9,085	8,794	9,080	1,230	1,101	6,536	5,965	5,799
New York City[3]	9,857	9,038	55,164	51,803	52,016	7,714	7,028	33,651	30,628	28,901
Puerto Rico	4,192	4,849	27,941	29,222	---	2,682	2,940	13,077	13,885	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 5-week reporting period.
[6] Includes estimates for some counties.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, June 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	June		January-June			June		January-June		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	9,101	[a]9,584	53,107	[a]57,120	59,055	150	123	744	789	847
Maine	791	799	5,106	5,215	5,672	13	14	76	70	70
New Hampshire	556	[a]573	3,734	[a]3,863	3,866	6	8	68	54	61
Vermont	347	292	2,277	2,373	2,118	7	2	22	28	29
Massachusetts	4,547	5,368	24,896	28,196	28,977	82	59	299	383	437
Rhode Island	709	703	4,571	4,753	4,810	19	11	71	76	75
Connecticut	2,151	1,849	12,523	12,720	13,612	23	29	208	178	175
Middle Atlantic	27,934	27,638	177,929	183,345	177,637	426	495	2,972	3,088	3,229
New York[1]	13,250	12,977	85,015	87,628	84,193	240	254	1,638	1,544	1,617
New Jersey	5,199	5,501	32,885	34,564	31,670	75	83	558	554	580
Pennsylvania	9,485	9,160	60,029	61,153	61,774	111	158	776	990	1,032
East North Central	27,833	27,655	178,915	183,805	[a]182,609	526	597	3,604	3,964	[a]4,107
Ohio	6,784	7,216	46,339	49,892	49,976	98	143	877	951	1,004
Indiana	3,633	3,757	23,507	24,620	23,809	65	72	463	502	510
Illinois	7,871	7,638	49,480	50,252	50,097	201	178	1,208	1,242	1,358
Michigan	6,142	5,958	37,720	38,015	36,954	120	159	812	944	[a]897
Wisconsin	3,403	3,086	21,869	21,026	[a]21,773	42	45	244	325	[a]338
West North Central	12,055	11,493	79,767	79,541	[a]80,011	203	228	1,531	1,650	[a]1,694
Minnesota	2,589	2,224	16,599	15,748	[a]16,284	43	61	311	351	[a]313
Iowa	2,124	2,019	13,684	13,782	13,662	32	36	196	212	294
Missouri	3,695	3,529	25,003	25,736	25,201	75	59	516	610	578
North Dakota	427	431	2,814	2,851	2,941	12	12	83	97	80
South Dakota	575	512	3,340	3,234	3,389	5	12	50	63	53
Nebraska	1,033	1,121	7,394	7,397	7,499	17	20	159	127	174
Kansas	1,612	1,657	10,933	10,793	11,035	19	28	216	190	202
South Atlantic	26,201	26,151	169,822	178,177	170,287	575	601	3,591	3,875	[a]3,961
Delaware	435	411	2,586	2,594	2,597	7	17	45	58	67
Maryland	2,680	2,626	16,637	17,003	16,526	49	45	292	289	[a]286
District of Columbia	755	797	4,174	4,594	4,620	44	48	180	246	269
Virginia	3,224	3,188	20,908	21,172	21,324	70	80	466	466	484
West Virginia	1,635	1,608	9,634	10,358	9,876	28	33	161	202	218
North Carolina	3,767	3,870	24,800	25,460	24,824	91	77	598	569	643
South Carolina	1,838	1,869	12,132	12,654	12,258	54	51	357	375	359
Georgia	3,413	3,307	22,907	25,637	22,962	87	87	591	763	682
Florida	8,454	8,475	56,044	58,705	55,300	145	163	901	907	953
East South Central	10,591	10,277	68,563	70,958	68,376	266	214	1,652	1,622	1,704
Kentucky	2,573	2,440	16,838	17,742	17,309	64	49	354	334	343
Tennessee	3,394	3,409	21,796	22,590	21,450	82	57	482	527	525
Alabama	2,858	2,649	18,306	18,704	18,029	79	61	465	446	454
Mississippi	1,766	1,779	11,623	11,922	11,588	41	47	351	315	382
West South Central	15,811	15,375	103,795	102,316	99,413	381	460	2,759	2,753	2,673
Arkansas	1,865	1,906	11,242	11,483	11,332	33	35	169	205	215
Louisiana	2,759	2,803	18,646	18,937	17,793	70	102	535	553	600
Oklahoma	2,242	2,234	14,781	14,155	14,897	52	56	284	300	258
Texas	8,945	8,432	59,126	57,741	55,391	226	267	1,771	1,695	1,600
Mountain	6,611	6,765	42,992	42,563	41,074	184	162	1,210	1,209	1,313
Montana	529	505	3,222	3,304	3,255	4	6	48	59	64
Idaho	533	523	3,287	3,349	3,160	10	15	86	76	71
Wyoming	253	259	1,493	1,394	1,472	4	6	24	36	38
Colorado	1,668	1,617	10,333	10,136	9,727	63	36	289	301	313
New Mexico	568	804	4,377	4,504	4,436	14	23	121	143	147
Arizona	1,818	1,765	12,132	12,144	11,383	44	26	306	302	336
Utah	685	705	4,649	4,237	4,358	30	35	251	215	264
Nevada	567	587	3,499	3,495	3,283	15	15	85	77	80
Pacific	23,687	22,987	129,178	133,503	132,293	547	[a]514	2,944	[a]3,028	[a]3,275
Washington	2,672	2,628	16,425	18,145	17,162	49	53	318	322	378
Oregon	1,747	1,758	10,892	11,192	11,071	43	31	257	256	290
California	[2]18,692	[2]18,021	98,217	100,623	100,528	[2]432	[2,a]404	2,217	[a]2,290	[a]2,453
Alaska	152	160	831	888	826	13	15	60	67	57
Hawaii	424	420	2,813	2,655	2,706	10	11	92	93	97
New York City	5,864	5,788	36,896	37,345	[3]8,538	131	134	878	849	882
Puerto Rico	1,497	1,520	9,096	9,178	...	68	75	484	471	...

[1] Includes figures shown below for New York City.
[2] Figure is for a 5-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, June 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	June		January-June		
	1982	1981	1982	1981	1980
Total, 49 areas	98,770	[a]100,421	551,316	[a]570,706	[a]548,560
Alabama	1,620	2,523	12,623	13,833	13,606
Alaska	343	365	1,987	1,918	1,724
Arizona	1,811	1,800	10,268	10,053	[a]9,717
Arkansas	1,580	1,397	7,931	9,512	11,280
California	9,613	[a]10,379	64,429	[a]63,975	68,176
Colorado	1,424	2,854	8,233	10,183	7,549
Connecticut	1,059	1,090	5,227	5,994	5,504
Delaware	310	217	1,512	1,160	1,093
District of Columbia	277	308	1,763	1,913	1,674
Florida	6,725	6,780	36,214	37,554	35,362
Georgia	2,490	2,359	16,588	17,210	16,892
Hawaii	364	283	2,180	1,982	2,309
Idaho	585	582	3,234	3,307	3,217
Illinois	5,460	5,030	24,023	26,490	24,402
Iowa	888	898	5,442	5,888	5,527
Kansas	1,040	1,219	6,291	7,470	6,277
Kentucky	1,294	1,762	7,583	8,945	8,554
Maine	543	569	2,896	3,142	3,090
Maryland	1,613	1,619	7,373	7,614	7,886
Massachusetts	2,018	1,600	12,905	9,609	7,051
Michigan	3,343	2,481	18,231	23,351	21,916
Minnesota	1,045	1,488	7,148	8,212	[a]7,402
Mississippi	1,236	1,005	6,554	6,860	6,072
Missouri	2,513	2,384	13,969	13,853	13,952
Montana	389	451	2,275	2,454	2,394
Nebraska	578	634	3,236	3,347	3,181
Nevada	1,221	616	5,456	5,822	6,653
New Hampshire	354	[a]475	2,574	[a]2,668	[a]2,642
New Jersey	4,340	3,510	15,218	14,696	12,104
New Mexico[1]	812	1,008	4,931	5,419	5,367
New York	5,824	6,000	33,110	31,371	26,390
North Carolina	2,920	2,550	14,488	14,112	13,656
North Dakota	208	212	1,150	1,135	1,009
Ohio	4,348	5,392	26,575	29,036	28,464
Oklahoma	2,101	2,318	11,787	12,839	11,752
Oregon	1,458	1,652	8,382	8,952	8,879
Pennsylvania	3,249	3,340	18,643	17,983	18,881
Rhode Island	261	286	1,698	1,748	1,856
South Carolina	1,140	1,225	6,691	6,922	6,781
South Dakota	207	249	1,274	1,353	1,419
Tennessee	2,426	2,666	14,355	15,424	14,626
Texas	9,242	8,254	50,079	47,153	47,013
Utah	716	702	4,181	3,961	3,894
Vermont	202	143	1,189	1,133	1,219
Virginia	2,287	2,150	11,795	11,716	11,403
Washington	2,524	2,325	13,122	14,706	13,270
West Virginia	851	959	5,150	5,379	4,551
Wisconsin	1,585	1,987	7,415	9,286	[a]9,108
Wyoming	333	325	1,938	2,063	1,816

[1] Figures include estimates for some counties.
[a] Revised.

Table 4. Fertility and marriage rates, seasonally adjusted and unadjusted: United States, June 1981-June 1982

Period	Births			Marriages		
	Number	Rate per 1,000 women 15-44		Number	Rate per 1,000 women 15-44	
		Unadjusted	Seasonally adjusted[1]		Unadjusted	Seasonally adjusted[1]
1981:						
June	292,000	[a]66.1	[a]66.7	287,000	64.9	46.3
July	327,000	[a]71.4	68.7	237,000	51.8	[a]44.5
August	328,000	[a]71.5	[a]66.9	252,000	54.9	44.2
September	319,000	[a]71.9	[a]67.6	216,000	[a]48.7	43.3
October	321,000	69.8	68.9	204,000	44.3	45.7
November	291,000	65.4	66.2	172,000	38.7	42.6
December	307,000	66.7	68.0	200,000	43.4	44.7
1982:						
January	304,000	66.0	68.4	[a]133,000	[a]28.9	[a]43.6
February	277,000	66.4	68.1	[a]141,000	[a]33.9	[a]44.2
March	297,000	64.3	65.1	168,000	36.4	44.6
April	287,000	64.1	66.6	191,000	42.6	44.7
May	304,000	65.7	67.9	239,000	51.7	49.1
June	300,000	67.0	67.6	290,000	64.8	46.2

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, May 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with May 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	May				January-May				12 months ending with May			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	15,502	8.3	16,290	8.4	83,506	8.9	85,778	9.3	194,925	8.5	198,065	8.8
Male	8,376	9.3	8,851	9.4	44,609	9.7	46,090	10.2	104,800	9.4	107,421	9.7
Female	7,126	7.5	7,439	7.4	38,897	8.0	39,688	8.3	90,125	7.6	90,644	7.7
White	13,563	8.5	14,333	8.6	73,128	9.0	75,279	9.5	170,518	8.6	173,158	8.8
Male	7,288	9.4	7,753	9.6	38,779	9.8	40,238	10.4	91,062	9.5	93,402	9.8
Female	6,275	7.7	6,580	7.7	34,349	8.3	35,041	8.6	79,456	7.9	79,756	7.9
All other	1,939	7.2	1,957	7.0	10,378	7.6	10,499	7.9	24,407	7.3	24,907	7.6
Male	1,088	8.5	1,098	8.3	5,830	8.9	5,852	9.2	13,738	8.7	14,019	9.0
Female	851	6.0	859	5.9	4,548	6.3	4,647	6.7	10,669	6.1	10,888	6.3
Black	1,782	8.0	---	---	9,571	8.5	---	---	---	---	---	---
Male	997	9.5	---	---	5,340	10.2	---	---	---	---	---	---
Female	785	6.7	---	---	4,231	7.1	---	---	---	---	---	---
Under 1 year	336	11.5	338	11.0	1,773	11.8	1,779	12.2	4,288	11.7	4,309	12.0
1-14 years	139	0.4	150	0.4	706	0.4	781	0.4	1,764	0.4	1,894	0.4
15-24 years	354	1.1	388	1.1	1,641	1.0	1,761	1.0	4,302	1.0	4,732	1.1
25-34 years	389	1.2	443	1.4	1,990	1.2	2,102	1.4	5,111	1.3	5,128	1.4
35-44 years	461	2.1	481	2.1	2,348	2.1	2,505	2.3	5,806	2.1	5,835	2.2
45-54 years	983	5.4	1,068	5.6	5,180	5.6	5,557	6.1	12,563	5.6	13,349	5.9
55-64 years	2,132	12.0	2,458	13.2	11,840	13.1	12,516	14.1	28,431	12.9	29,242	13.4
65-74 years	3,761	29.1	3,903	29.0	19,771	30.0	20,189	31.5	45,947	28.7	46,390	29.4
75-84 years	4,065	61.8	4,123	61.1	22,337	66.8	22,446	69.8	50,880	62.6	51,314	64.8
85 years and over	2,874	145.1	2,931	146.8	15,881	158.0	16,108	170.2	35,728	146.5	35,779	154.4
Not stated	8	...	7	...	39	...	34	...	105	...	93	...

[1] Figures for Colorado, Connecticut, and New Jersey are not included in the May sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, May 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with May 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		May				January-May				12 months ending with May			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		15,502	834.4	16,290	836.2	83,506	886.2	85,778	925.4	194,925	850.0	198,065	878.1
Shigellosis and amebiasis	004,006	-	-	-	-	1	0.0	-	-	4	0.0	-	-
Certain other intestinal infections	007-009	1	0.1	-	-	14	0.1	15	0.2	38	0.2	31	0.1
Tuberculosis	010-018	13	0.7	14	0.7	73	0.8	83	0.9	168	0.7	189	0.8
Tuberculosis of respiratory system	010-012	11	0.6	11	0.6	58	0.6	71	0.8	137	0.6	169	0.7
Other tuberculosis	013-018	2	0.1	3	0.2	15	0.2	12	0.1	31	0.1	20	0.1
Whooping cough	033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	3	0.0	-	-	4	0.0	-	-
Meningococcal infection	036	1	0.1	3	0.2	26	0.3	33	0.4	53	0.2	51	0.2
Septicemia	038	69	3.7	93	4.8	443	4.7	424	4.6	1,025	4.5	973	4.3
Acute poliomyelitis	045	-	-	-	-	2	0.0	2	0.0	3	0.0	3	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	7	0.4	6	0.3	34	0.4	32	0.3	78	0.3	80	0.4
Syphilis	090-097	1	0.1	1	0.1	3	0.0	10	0.1	12	0.1	20	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	36	1.9	36	1.8	162	1.7	171	1.8	400	1.7	381	1.7
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,411	183.6	3,501	179.7	17,755	188.5	17,390	187.6	42,317	184.5	41,393	183.5
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	69	3.7	78	4.0	355	3.8	345	3.7	825	3.6	846	3.8
Malignant neoplasms of digestive organs and peritoneum	150-159	822	44.2	931	47.8	4,548	48.3	4,531	48.9	11,025	48.1	10,871	48.2
Malignant neoplasms of respiratory and intrathoracic organs	160-165	928	49.9	920	47.2	4,646	49.3	4,629	49.9	11,138	48.6	10,817	48.0
Malignant neoplasm of breast	174-175	304	16.4	303	15.6	1,562	16.6	1,483	16.0	3,735	16.3	3,514	15.6
Malignant neoplasms of genital organs	179-187	389	20.9	380	19.5	1,924	20.4	1,837	19.8	4,648	20.3	4,516	20.0
Malignant neoplasms of urinary organs	188-189	169	9.1	132	6.8	777	8.2	746	8.0	1,789	7.8	1,771	7.9
Malignant neoplasms of all other and unspecified sites	170-173,190-199	441	23.7	462	23.7	2,316	24.6	2,281	24.6	5,368	23.4	5,344	23.7
Leukemia	204-208	114	6.1	127	6.5	667	7.1	653	7.0	1,567	6.8	1,610	7.1
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	175	9.4	168	8.6	963	10.2	885	9.5	2,222	9.7	2,104	9.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	55	3.0	72	3.7	304	3.2	320	3.5	667	2.9	672	3.0
Diabetes mellitus	250	238	12.8	288	14.8	1,370	14.5	1,476	15.9	3,335	14.5	3,387	15.0
Nutritional deficiencies	260-269	24	1.3	15	0.8	120	1.3	89	1.0	232	1.0	221	1.0
Anemias	280-285	24	1.3	29	1.5	129	1.4	144	1.6	336	1.5	331	1.5
Meningitis	320-322	8	0.4	11	0.6	53	0.6	58	0.6	121	0.5	116	0.5
Major cardiovascular diseases	390-448	7,579	407.9	8,036	412.5	41,700	442.5	42,674	460.4	95,802	417.7	97,741	433.3
Diseases of heart	390-398,402,404-429	5,869	315.9	6,288	322.8	32,479	344.7	33,004	356.1	74,508	324.9	75,504	334.7
Rheumatic fever and rheumatic heart disease	390-398	53	2.9	75	3.9	285	3.0	348	3.8	703	3.1	787	3.5
Hypertensive heart disease	402	160	8.6	146	7.5	867	9.2	885	9.5	2,050	8.9	2,104	9.3
Hypertensive heart and renal disease	404	25	1.3	25	1.3	129	1.4	131	1.4	300	1.3	309	1.4
Ischemic heart disease	410-414	4,279	230.3	4,658	239.1	23,832	252.9	24,374	263.0	54,785	238.9	55,886	247.8
Acute myocardial infarction	410	2,223	119.6	2,440	125.3	12,454	132.2	12,570	135.6	28,825	125.7	29,460	130.6
Other acute and subacute forms of ischemic heart disease	411	27	1.5	40	2.1	225	2.4	192	2.1	465	2.0	433	1.9
Angina pectoris	413	1	0.1	2	0.1	20	0.2	20	0.2	45	0.2	44	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,028	109.2	2,176	111.7	11,133	118.1	11,592	125.1	25,450	111.0	25,949	115.0
Other diseases of endocardium	424	54	2.9	65	3.3	307	3.3	317	3.4	676	2.9	694	3.1
All other forms of heart disease	415-423,425-429	1,298	69.9	1,319	67.7	7,059	74.9	6,949	75.0	15,994	69.7	15,724	69.7
Hypertension with or without renal disease	401,403	59	3.2	60	3.1	325	3.4	353	3.8	749	3.3	763	3.4
Cerebrovascular diseases	430-438	1,279	68.8	1,270	65.2	6,913	73.4	7,207	77.8	15,912	69.4	16,657	73.8
Intracerebral and other intracranial hemorrhage	431-432	161	8.7	151	7.8	905	9.6	889	9.6	2,018	8.8	1,972	8.7
Cerebral thrombosis and unspecified occlusinn of cerebral arteries	434.0,434.9	242	13.0	262	13.4	1,297	13.8	1,397	15.1	2,974	13.0	3,305	14.7
Cerebral embolism	434.1	3	0.2	1	0.1	29	0.3	17	0.2	86	0.4	55	0.2
All other and late effects of cerebrovascular diseases	430,433,435-438	873	47.0	856	43.9	4,682	49.7	4,904	52.9	10,834	47.2	11,325	50.2
Atherosclerosis	440	220	11.8	248	12.7	1,182	12.5	1,262	13.6	2,766	12.1	2,844	12.6
Other diseases of arteries, arterioles, and capillaries	441-448	152	8.2	170	8.7	801	8.5	848	9.1	1,867	8.1	1,973	8.7

Acute bronchitis and bronchiolitis	466	2	0.1	2	0.1	26	0.3	38	0.4	50	0.2	63	0.3
Pneumonia and influenza	480-487	410	22.1	398	20.4	2,252	23.9	2,933	31.6	4,707	20.5	5,513	24.4
Pneumonia	480-486	397	21.4	390	20.0	2,196	23.3	2,632	28.4	4,635	20.2	5,153	22.8
Influenza	487	13	0.7	8	0.4	56	0.6	301	3.2	72	0.3	360	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	481	25.9	505	25.9	2,556	27.1	2,868	30.9	5,615	24.5	5,987	26.5
Bronchitis, chronic and unspecified	490-491	23	1.2	34	1.7	149	1.6	199	2.1	339	1.5	409	1.8
Emphysema	492	114	6.1	118	6.1	570	6.0	658	7.1	1,255	5.5	1,434	6.4
Asthma	493	32	1.7	27	1.4	121	1.3	140	1.5	293	1.3	281	1.2
Other chronic obstructive pulmonary diseases and allied conditions	494-496	312	16.8	326	16.7	1,716	18.2	1,871	20.2	3,728	16.3	3,863	17.1
Ulcer of stomach and duodenum	531-533	53	2.9	66	3.4	278	3.0	274	3.0	690	3.0	613	2.7
Appendicitis	540-543	3	0.2	12	0.6	19	0.2	30	0.3	57	0.2	73	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	36	1.9	42	2.2	208	2.2	209	2.3	475	2.1	526	2.3
Chronic liver disease and cirrhosis	571	220	11.8	248	12.7	1,130	12.0	1,254	13.5	2,797	12.2	3,017	13.4
Cholelithiasis and other disorders of gallbladder	574-575	22	1.2	17	0.9	122	1.3	127	1.4	287	1.3	309	1.4
Nephritis, nephrotic syndrome, and nephrosis	580-589	133	7.2	128	6.6	760	8.1	741	8.0	1,755	7.7	1,677	7.4
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	-	-	13	0.1	9	0.1	32	0.1	28	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	11	0.6	12	0.6	67	0.7	73	0.8	167	0.7	196	0.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	120	6.5	116	6.0	680	7.2	659	7.1	1,556	6.8	1,453	6.4
Infections of kidney	590	12	0.6	22	1.1	89	0.9	102	1.1	228	1.0	251	1.1
Hyperplasia of prostate	600	3	0.2	1	0.1	21	0.2	18	0.2	56	0.2	72	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	3	0.2	2	0.1	12	0.1	9	0.1	37	0.2	24	0.1
Pregnancy with abortive outcome	630-638	1	0.1	-	-	3	0.0	1	0.0	7	0.0	3	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	2	0.1	2	0.1	9	0.1	8	0.1	30	0.1	21	0.1
Congenital anomalies	740-759	107	5.8	101	5.2	560	5.9	560	6.0	1,325	5.8	1,316	5.8
Certain conditions originating in the perinatal period	760-779	176	9.5	166	8.5	846	9.0	804	8.7	2,158	9.4	2,131	9.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	57	3.1	55	2.8	248	2.6	252	2.7	653	2.8	679	3.0
Other conditions originating in the perinatal period	760-766,770-779	119	6.4	111	5.7	598	6.3	552	6.0	1,505	6.6	1,452	6.4
Symptoms, signs, and ill-defined conditions	780-799	317	17.1	295	15.1	1,638	17.4	1,654	17.8	3,732	16.3	3,795	16.8
All other diseases	Residual	919	49.5	910	46.7	5,026	53.3	5,006	54.0	11,639	50.8	11,312	50.2
Accidents and adverse effects	E800-E949	736	39.6	859	44.1	3,664	38.9	4,021	43.4	9,577	41.8	10,402	46.1
Motor vehicle accidents	E810-E825	327	17.6	443	22.7	1,637	17.4	1,968	21.2	4,670	20.4	5,217	23.1
All other accidents and adverse effects	E800-E807,E826-E949	409	22.0	416	21.4	2,027	21.5	2,053	22.1	4,907	21.4	5,185	23.0
Suicide	E950-E959	213	11.5	203	10.4	1,079	11.5	1,075	11.6	2,612	11.4	2,608	11.6
Homicide and legal intervention	E960-E978	162	8.7	187	9.6	910	9.7	1,002	10.8	2,239	9.8	2,458	10.9
All other external causes	E980-E999	27	1.5	21	1.1	115	1.2	132	1.4	293	1.3	327	1.4

[1] Figures for Colorado, Connecticut, and New Jersey are not included in the May sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, May 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with May 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	May				January–May				12 months ending with May			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	336	11.1	338	11.8	1,773	11.9	1,779	12.6	4,288	11.4	4,309	12.3
Under 28 days	247	8.3	223	7.9	1,171	7.9	1,116	8.0	2,926	7.8	2,870	8.2
28 days to 11 months	89	2.9	115	3.9	602	4.0	663	4.6	1,362	3.6	1,439	4.1
Certain gastrointestinal diseases	1	0.0	1	0.0	9	0.1	15	0.1	24	0.1	30	0.1
008-009,535,555-558												
Pneumonia and influenza	4	0.1	7	0.2	40	0.3	35	0.2	76	0.2	83	0.2
480-487												
Congenital anomalies	76	2.5	73	2.5	384	2.6	383	2.7	891	2.4	890	2.5
740-759												
Disorders relating to short gestation and unspecified low birthweight	28	0.9	21	0.7	147	1.0	144	1.0	382	1.0	366	1.0
765												
Birth trauma	4	0.1	8	0.3	30	0.2	40	0.3	77	0.2	88	0.3
767												
Intrauterine hypoxia and birth asphyxia	14	0.5	11	0.4	62	0.4	62	0.4	143	0.4	163	0.5
768												
Respiratory distress syndrome	39	1.3	36	1.3	156	1.0	149	1.1	432	1.2	425	1.2
769												
Other conditions originating in the perinatal period	89	3.0	90	3.2	444	3.0	407	2.9	1,111	3.0	1,076	3.1
760-764,766,770-779												
Sudden infant death syndrome	28	0.9	28	0.9	212	1.4	233	1.6	474	1.3	504	1.4
798.0												
All other causes	53	1.7	63	2.1	289	1.9	311	2.2	678	1.8	684	1.9
Residual												

[1] Figures for Colorado, Connecticut, and New Jersey are not included in the May sample for 1982.

(Continued from page 3)

population (from 8.8 to 8.6), and 4 percent for the population of all other races (from 7.6 to 7.3). By age, the death rate was lower for each age group 45-54 years and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Chronic liver disease and cirrhosis, and Homicide and legal intervention. The estimated death rate increased between the two successive 12-month periods for Malignant neoplasm of breast and for Ulcer of stomach and duodenum.

The 7-percent decrease in infant mortality (from 12.3 deaths per 1,000 live births for the 12 months ending with May 1981 to 11.4 for the 12 months ending with May 1982) reflects a 5-percent decrease in the rate for infants under 28 days and a 12-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.2 to 7.8 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 4.1 to 3.6 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000		0.6
50,000		0.4
100,000		0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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nchs MONTHLY VITAL STATISTICS REPORT

Provisional Data from the National Center for Health Statistics

Vol. 31, No. 7 ● October 7, 1982

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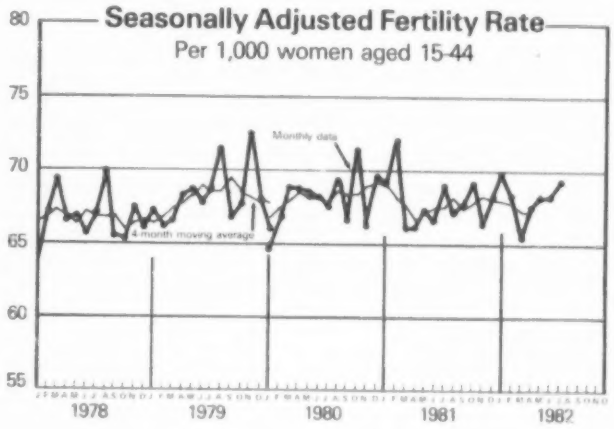
Births, Marriages, Divorces, and Deaths for July 1982

Births

There were an estimated 338,000 live births in the United States during July 1982, about 3 percent more than occurred during July 1981 (327,000). The birth rate was 17.2 live births per 1,000 population, 2 percent higher than the rate of 16.8 for July 1981. The fertility rate was 72.8 live births per 1,000 women aged 15-44 years, 2 percent above the July 1981 rate of 71.4; the seasonally adjusted fertility rate was 69.3, nearly 1 percent higher than the July 1981 rate (68.7).

During the first 7 months of 1982 there were an estimated 2,122,000 live births, 2 percent more than the number estimated for the same period in 1981 (2,080,000). The birth rate for the January through July 1982 period was 15.8, about 1 percent higher than the rate for the comparable period in 1981 (15.6). The fertility rate was 67.1, less than 1 percent higher than the rate for the comparable period in 1981 (66.7).

Provisional data for the 12-month period ending with July 1982 indicate that there were 3,688,000 live births, about 1 percent more than were estimated for the same period ending 1 year earlier (3,641,000). The birth rate for this period was 16.0, less than 1



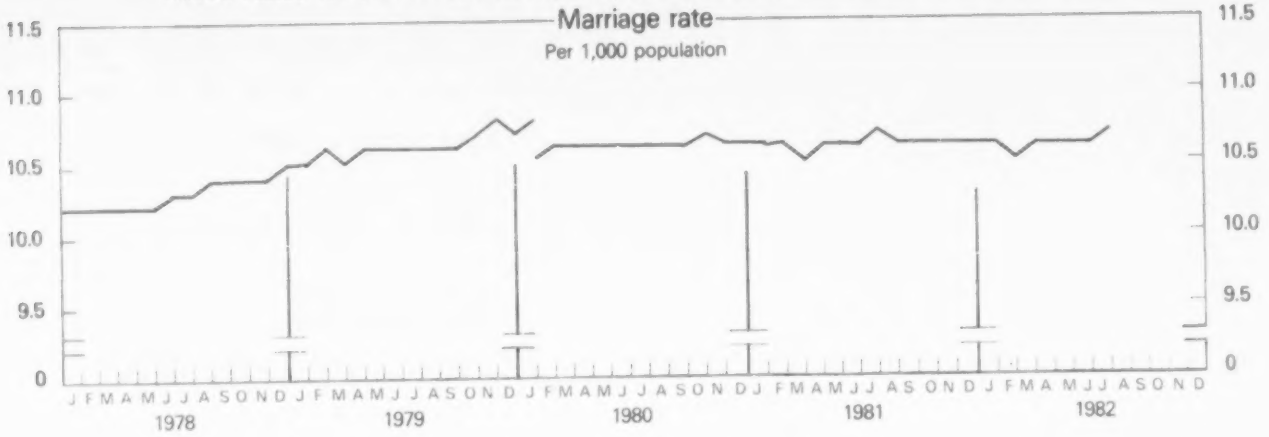
Provisional Vital Statistics for the United States

[Data are subject to monthly reporting variation, see Technical notes]

Item	July				January-July				12 months ending with July				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	338,000	327,000	17.2	16.8	2,122,000	2,080,000	15.8	15.6	3,688,000	3,641,000	16.0	15.9	15.7
Deaths	165,000	157,000	8.4	8.1	1,168,000	1,188,000	8.7	8.9	1,967,000	2,000,000	8.5	8.8	8.7
Natural increase	173,000	170,000	8.8	8.7	954,000	892,000	7.1	6.7	1,721,000	1,641,000	7.5	7.1	7.0
Marriages	250,000	237,000	12.7	12.2	1,413,000	1,395,000	10.5	10.5	2,457,000	2,434,000	10.7	10.7	10.6
Divorces	98,000	108,000	5.0	5.6	679,000	709,000	5.1	5.3	1,189,000	1,205,000	5.2	5.3	5.2
Infant deaths	3,300	3,300	10.0	10.4	24,100	25,200	11.4	12.1	41,700	43,700	11.3	12.0	12.8
Population base (in millions)	...	...	231.5	229.3	...	...	...	...	...	...	230.7	228.5	226.1

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

percent higher than the rate for the same period ending with July 1981 (15.9). The fertility rate was 67.9 compared with 68.0 for the corresponding period ending with July 1981.

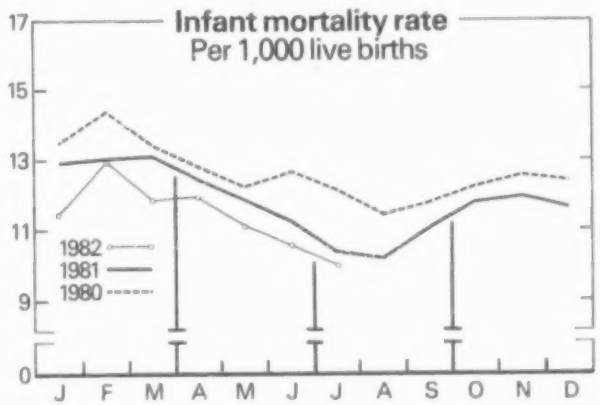
Natural Increase

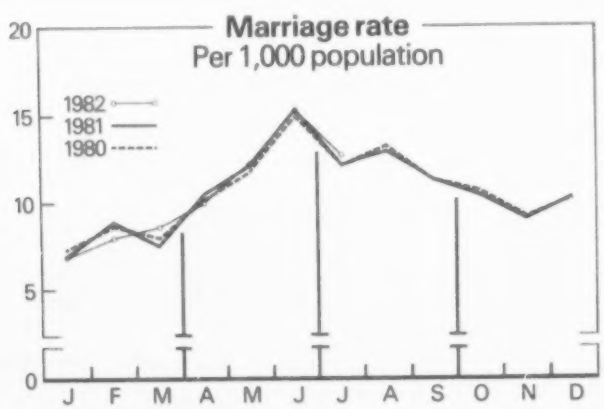
An estimated 173,000 persons were added to the population during July 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 7 months of 1982 was 7.1 persons per 1,000 population, 6 percent higher than the rate for the same period in 1981 (6.7). This increase was due to the increase in the birth rate and the decline in the death rate.

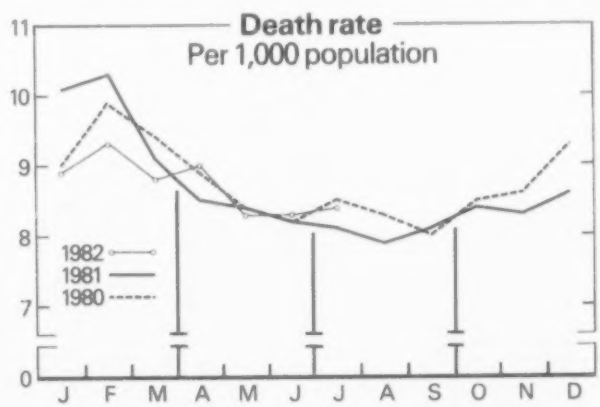
Marriages

During July 1982 there were 250,000 marriages, about 5 percent more than occurred during July 1981 (237,000). The marriage rate was 12.7 per 1,000 population, 4 percent higher than the rate of 12.2 for July 1981.

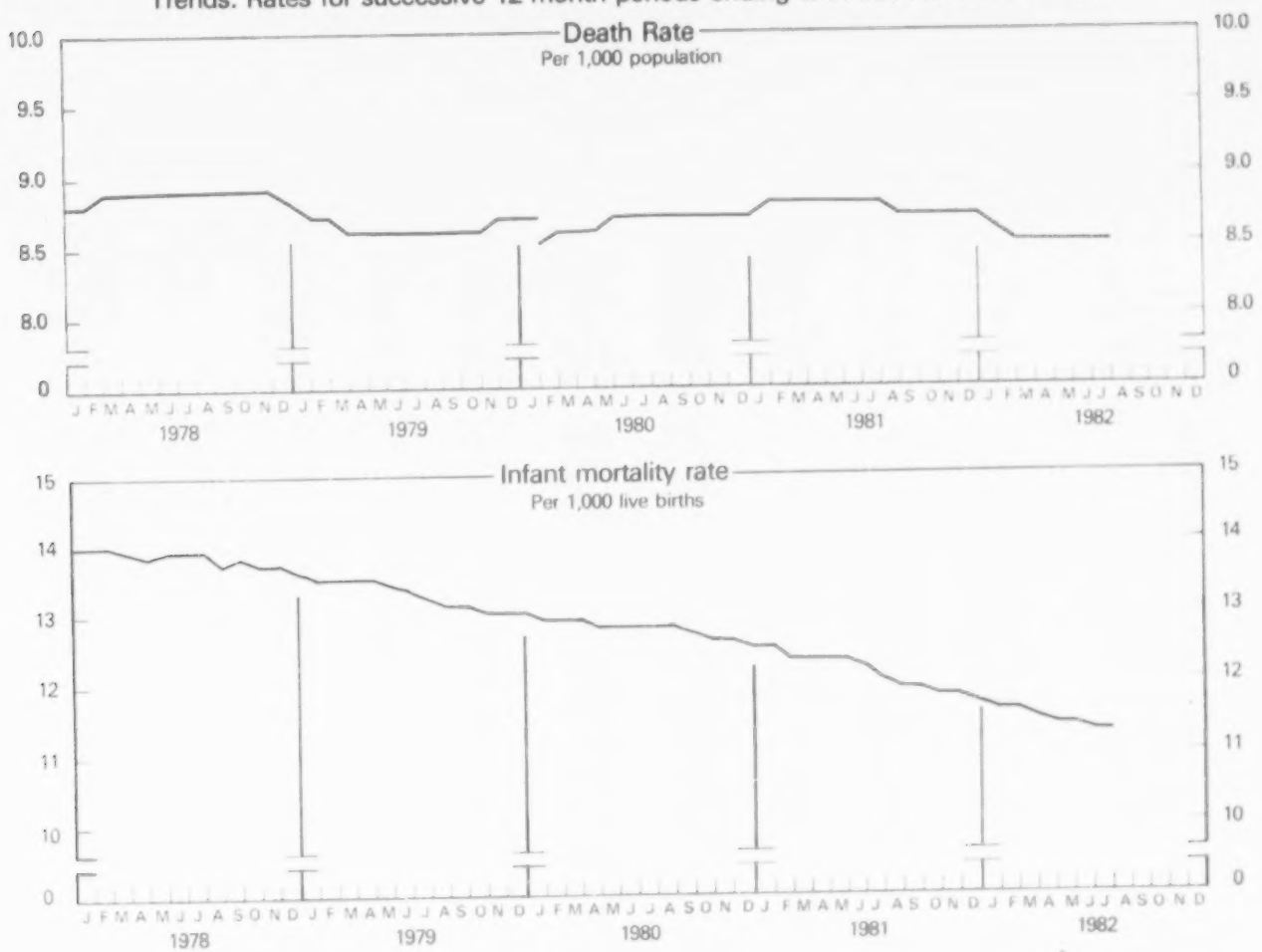
From January through July 1982 there were 1,413,000 marriages, 1 percent more than for the same period in 1981. The marriage rate was 10.5 per 1,000 population, the same as it was for the first 7 months of 1981.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982
Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

During the 12 months ending with July 1982 there were 2,457,000 marriages, an increase of 1 percent over the previous 12-month period. The rate was 10.7 per 1,000 population, the same as it was for the comparable period in 1981.

Divorces

Divorces are down. An estimated 98,000 divorces were granted in July 1982. The rate was 5.0 per 1,000 population compared with 5.6 in July 1981.

Cumulatively for 1982, the number of divorces (679,000) and the rate per 1,000 population (5.1) were 4 percent below the comparable figures for January through July 1981.

During the 12 months ending with July 1982 there were 1,189,000 divorces, 1 percent less than the total for the 12 months ending with July 1981. The 12-month rate was 5.2 per 1,000 population, 2 percent lower than the rate for the previous 12 months.

Deaths

For July 1982 the provisional count of deaths totaled 165,000, amounting to a rate of 8.4 deaths per 1,000 population. This rate was 4 percent higher than the rate of 8.1 for July 1981. Among the 165,000 deaths for July 1982 were 3,300 deaths at ages under 1 year, yielding an infant mortality rate of 10.0 deaths per 1,000 live births. This rate was 4 percent lower than the infant mortality rate of 10.4 for July 1981.

The provisional death rate for the 12 months ending with June 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, July 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	July		January-July			July		January-July		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	14,723	[a]15,532	91,861	[a]93,808	[a]91,506	12,605	[a]12,760	55,397	[a]58,035	[a]59,594
Maine	1,544	1,500	9,331	9,733	9,562	1,596	1,354	6,719	6,915	8,111
New Hampshire	1,364	[a]1,431	7,948	[a]7,880	[a]7,514	1,044	[a]1,120	4,784	[a]5,367	[a]5,138
Vermont	652	649	4,410	4,449	4,227	761	678	2,877	2,753	2,562
Massachusetts	7,433	7,191	45,344	44,569	43,154	5,648	6,800	22,195	25,616	25,940
Rhode Island	1,119	1,128	7,453	7,243	7,217	787	656	4,302	4,054	4,001
Connecticut	2,611	3,633	17,375	19,934	19,832	2,769	2,152	14,520	13,330	[a]13,842
Middle Atlantic	46,060	45,574	295,854	287,348	275,352	31,436	28,831	163,222	167,288	155,010
New York[1]	23,629	23,356	148,056	142,345	134,051	18,107	15,553	81,166	86,154	74,523
New Jersey	7,644	7,739	53,896	52,997	49,138	5,061	5,256	32,324	31,229	29,313
Pennsylvania	14,787	14,479	93,902	92,006	92,163	8,268	8,022	49,732	49,905	51,174
East North Central	57,926	55,761	369,026	373,948	[a]381,975	41,153	39,795	208,456	215,343	[a]219,948
Ohio	15,193	12,458	93,090	95,134	96,561	10,561	10,051	57,041	54,550	55,005
Indiana	7,972	7,125	47,937	48,248	51,189	5,878	5,134	32,068	31,594	33,581
Illinois	16,329	16,934	103,444	104,223	[a]106,937	11,524	11,184	58,718	59,920	60,340
Michigan	12,073	12,338	79,650	81,387	82,573	8,244	8,594	38,776	45,099	47,083
Wisconsin	6,359	6,906	44,905	44,956	[a]44,715	4,946	4,832	21,853	24,180	[a]23,939
West North Central	24,114	24,882	163,585	164,589	[a]164,602	15,875	17,851	97,930	100,268	[a]99,124
Minnesota	5,932	5,975	38,873	39,334	[a]38,944	3,867	4,223	20,185	20,788	[a]20,029
Iowa	3,864	4,228	26,087	26,867	27,455	2,843	2,607	15,203	15,212	15,271
Missouri	6,263	6,470	44,986	44,655	44,985	3,519	5,361	30,062	32,478	32,284
North Dakota	1,204	1,130	7,826	7,838	7,481	738	712	3,479	3,400	3,364
South Dakota	1,117	1,087	7,458	7,377	7,341	870	887	4,786	4,989	5,176
Nebraska	2,284	2,603	15,530	16,244	15,919	1,482	1,526	8,714	8,738	8,343
Kansas	3,450	3,389	22,825	22,274	22,477	2,556	2,535	15,501	14,663	14,657
South Atlantic	49,288	47,093	319,707	310,082	308,510	42,157	39,408	250,345	244,880	237,770
Delaware	881	882	5,432	5,383	5,508	525	359	2,583	2,482	2,456
Maryland	5,245	4,742	32,708	30,788	29,353	4,640	4,511	26,819	26,444	25,802
District of Columbia	1,602	1,282	11,123	9,971	9,829	607	502	3,311	3,076	2,941
Virginia	6,724	6,688	44,529	43,699	42,614	6,426	5,847	35,847	35,110	34,282
West Virginia	2,562	2,614	16,337	16,911	17,749	1,585	1,559	9,444	9,456	9,883
North Carolina	8,107	7,729	49,249	47,721	48,362	4,949	4,778	29,811	27,745	27,083
South Carolina	4,546	4,497	28,059	28,030	28,131	5,862	4,854	31,096	31,914	31,365
Georgia	7,007	6,862	52,349	52,182	54,335	8,218	7,125	42,446	42,442	37,887
Florida	12,614	11,797	79,921	75,397	72,629	9,345	9,873	68,988	66,211	66,071
East South Central	20,848	20,620	134,855	135,378	[a]139,530	18,063	16,620	97,309	98,038	[a]97,984
Kentucky	5,045	4,736	33,498	33,820	35,872	4,162	4,292	19,379	19,954	19,135
Tennessee	6,922	6,476	41,014	40,675	41,815	6,103	5,749	33,721	34,448	33,366
Alabama	4,829	4,991	34,870	35,587	[a]35,302	4,999	4,048	27,807	27,840	[a]28,975
Mississippi	4,052	4,417	25,473	25,296	26,541	2,799	2,531	16,402	15,796	16,508
West South Central	44,307	40,248	268,821	250,152	[a]239,688	27,140	28,657	182,263	171,263	168,967
Arkansas	2,841	3,044	18,396	19,727	20,904	2,724	3,020	16,420	15,058	14,350
Louisiana	7,220	6,940	48,082	45,819	44,012	3,579	4,581	25,171	26,129	24,908
Oklahoma	4,791	4,639	31,137	29,086	[a]28,852	4,506	4,524	28,560	27,920	27,191
Texas	29,455	25,625	171,206	155,520	145,920	16,331	16,532	112,112	102,156	102,518
Mountain	20,112	20,637	134,778	130,479	128,536	[2]12,907	[2]13,163	[2]76,171	[2]76,854	[a]141,166
Montana	1,278	1,302	8,342	8,103	8,136	862	901	4,501	4,554	4,554
Idaho	1,675	1,591	11,292	11,208	11,506	1,373	1,420	7,901	8,121	7,319
Wyoming	927	1,033	5,736	6,006	5,341	651	804	3,720	3,942	3,606
Colorado	4,622	4,514	31,615	30,001	28,251	4,161	3,867	21,074	20,836	18,754
New Mexico[3]	2,562	3,293	14,983	14,041	14,385	1,648	1,772	10,301	10,047	9,673
Arizona[4]	4,185	4,019	29,676	28,592	28,171	2,463	2,586	17,862	19,053	[a]17,827
Utah	3,579	3,451	25,943	24,497	25,103	1,749	1,813	10,812	10,301	9,886
Nevada	1,284	1,434	7,191	8,031	7,643	---	---	---	---	69,547
Pacific	44,032	43,793	316,012	325,165	301,393	36,223	[a]29,587	187,276	[a]171,612	175,079
Washington	5,137	5,727	35,270	42,507	39,035	4,900	4,911	25,537	27,075	24,728
Oregon	3,784	3,790	25,084	26,135	25,746	2,678	2,350	13,467	12,727	12,606
California	[5]32,374	[5]31,835	238,764	239,425	220,701	[6]26,660	[a]20,529	[6]137,092	[a]121,430	128,110
Alaska	1,018	907	6,090	5,770	5,375	676	607	3,335	3,225	2,684
Hawaii	1,719	1,534	10,804	10,328	10,536	1,309	1,190	7,845	7,155	6,951
New York City[3]	9,953	10,267	65,117	62,070	61,466	6,103	5,812	39,754	36,440	34,658
Puerto Rico	5,001	5,149	32,942	34,371	---	2,425	3,074	15,502	16,959	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4 week reporting period.
[6] Includes estimates for some counties.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, July 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported, see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	July		January-July			July		January-July		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	10,679	8,317	63,786	65,437	68,121	158	95	902	884	979
Maine	759	899	5,865	6,114	6,509	20	11	96	81	83
New Hampshire	675	526	4,409	4,389	4,492	7	4	75	58	65
Vermont	460	394	2,737	2,767	2,390	5	6	27	34	32
Massachusetts	5,743	3,751	30,639	31,947	33,641	90	44	389	427	522
Rhode Island	778	732	5,349	5,485	5,522	16	13	87	89	81
Connecticut	2,264	2,015	14,787	14,735	15,567	20	17	228	195	196
Middle Atlantic	30,191	29,605	208,224	212,950	208,331	456	[a]501	3,444	[a]3,589	3,757
New York[1]	14,930	14,667	99,945	102,295	99,318	278	[a]289	1,916	[a]1,833	1,868
New Jersey	5,345	5,343	38,334	39,907	37,124	75	74	649	628	657
Pennsylvania	9,916	9,595	69,945	70,748	71,889	103	138	879	1,128	1,232
East North Central	29,385	27,172	208,300	210,977	[a]211,497	579	584	4,183	4,548	[a]4,777
Ohio	8,197	6,223	54,536	56,115	57,077	154	122	1,031	1,073	1,172
Indiana	3,878	3,763	27,385	28,383	27,891	68	77	531	579	603
Illinois	7,927	7,752	57,407	58,004	58,457	188	195	1,396	1,437	1,560
Michigan	6,136	6,196	43,856	44,211	43,186	117	142	929	1,086	[a]1,047
Wisconsin	3,247	3,238	25,116	24,264	[a]24,886	52	48	296	373	[a]395
West North Central	12,339	12,664	92,106	92,205	[a]93,263	234	260	1,765	1,910	[a]1,990
Minnesota	2,839	2,736	19,438	18,484	[a]19,112	49	57	360	408	[a]365
Iowa	2,020	2,116	15,704	15,898	15,810	23	40	219	252	341
Missouri	3,596	3,827	28,599	29,563	29,416	80	78	596	688	681
North Dakota	502	530	3,316	3,381	3,413	19	10	102	107	98
South Dakota	547	527	3,887	3,761	3,932	9	9	59	72	68
Nebraska	1,158	1,184	8,552	8,581	8,620	24	30	183	157	201
Kansas	1,677	1,744	12,610	12,537	12,960	30	36	246	226	236
South Atlantic	27,398	27,079	197,220	205,256	197,402	588	632	4,179	4,507	[a]4,633
Delaware	437	442	3,023	3,036	3,019	9	7	54	65	79
Maryland	2,765	2,685	19,402	19,688	19,251	49	56	341	345	[a]351
District of Columbia	632	775	4,806	5,369	5,471	36	34	216	280	329
Virginia	3,381	3,329	24,289	24,501	24,689	68	80	534	546	578
West Virginia	1,630	1,535	11,264	11,893	11,463	15	35	176	237	245
North Carolina	4,025	3,957	28,825	29,417	28,738	90	101	688	670	765
South Carolina	1,956	1,949	14,088	14,603	14,228	72	66	429	441	418
Georgia	3,750	4,105	26,657	29,742	26,855	105	80	696	843	778
Florida	8,822	8,302	64,866	67,007	63,688	144	173	1,045	1,080	1,090
East South Central	11,294	10,931	79,857	81,889	[a]80,205	238	285	1,890	1,907	1,982
Kentucky	3,047	2,643	19,885	20,385	20,095	52	54	406	388	410
Tennessee	3,538	3,524	25,334	26,114	25,252	90	100	572	627	596
Alabama	2,800	2,889	21,106	21,593	[a]21,204	49	71	514	517	535
Mississippi	1,909	1,875	13,532	13,797	13,654	47	60	398	375	441
West South Central	16,700	16,831	120,495	119,147	[a]116,882	455	415	3,214	3,168	3,138
Arkansas	1,805	1,771	13,047	13,254	13,506	18	22	187	227	263
Louisiana	3,161	3,051	21,807	21,988	21,123	105	90	640	643	703
Oklahoma	2,340	2,288	17,121	16,443	[a]17,423	54	41	338	341	311
Texas	9,394	9,721	68,520	67,462	64,830	278	262	2,049	1,957	1,861
Mountain	6,522	6,690	49,514	49,253	47,068	167	191	1,377	1,400	1,488
Montana	549	570	3,771	3,874	3,841	9	10	57	69	80
Idaho	575	528	3,862	3,877	3,688	14	8	100	84	82
Wyoming	269	284	1,762	1,678	1,712	4	6	28	42	39
Colorado	1,676	1,692	12,009	11,828	11,221	43	48	332	349	348
New Mexico	585	791	4,962	5,295	4,923	17	16	138	159	167
Arizona	1,686	1,637	13,818	13,781	13,064	36	65	342	367	385
Utah	713	703	5,362	4,940	4,926	37	27	288	242	296
Nevada	469	485	3,968	3,980	3,693	7	11	92	88	91
Pacific	18,686	16,549	147,864	150,052	149,379	402	380	3,346	3,408	[a]3,752
Washington	2,511	2,256	18,936	20,401	18,402	44	41	362	363	417
Oregon	1,773	1,765	12,665	12,957	12,941	36	40	293	296	338
California	[2]13,794	[2]11,893	112,011	112,516	113,910	[2]295	[2]270	2,512	2,560	[a]2,816
Alaska	155	181	986	1,069	973	13	10	73	77	71
Hawaii	453	454	3,266	3,109	3,153	14	19	106	112	110
New York City	6,168	6,255	43,064	43,600	45,044	145	153	1,023	1,002	1,010
Puerto Rico	1,679	1,567	10,775	10,745	---	89	102	573	573	---

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, July 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported, see Technical notes]

Area	July		January-July		
	1982	1981	1982	1981	1980
Total, 48 areas[1]	92,182	[a]103,150	641,800	[a]672,108	[a]642,869
Alabama	2,537	2,199	15,160	16,032	[a]15,879
Alaska	261	232	2,248	2,150	1,871
Arizona	1,765	1,784	12,033	11,837	[a]11,385
Arkansas	1,043	1,573	8,974	11,085	12,904
California	8,000	[a]11,621	72,429	[a]75,596	79,565
Colorado	1,276	1,206	9,509	11,389	10,475
Connecticut	902	1,077	6,129	7,071	[a]6,346
Delaware	279	203	1,791	1,363	1,356
District of Columbia	298	471	2,061	2,384	2,080
Florida	6,218	6,828	42,432	44,382	41,266
Georgia	3,860	4,076	20,448	21,286	18,530
Hawaii	420	404	2,600	2,386	2,622
Idaho	445	505	3,679	3,812	3,688
Illinois	4,237	4,353	28,260	30,843	28,680
Iowa	890	1,109	6,332	6,997	6,493
Kansas	1,191	1,189	7,482	8,659	7,216
Kentucky	1,816	1,466	9,399	10,411	10,199
Maine	470	542	3,366	3,684	3,604
Maryland	1,282	1,460	8,655	9,074	9,359
Massachusetts	1,304	1,600	14,209	11,209	9,024
Michigan	3,168	5,124	21,399	28,475	25,059
Minnesota	1,156	1,079	8,304	9,291	[a]8,771
Mississippi	1,427	1,125	7,981	7,985	7,724
Missouri	1,505	2,286	15,474	16,139	16,142
Montana	389	447	2,664	2,901	2,878
Nebraska	565	596	3,801	3,943	3,700
Nevada	1,132	1,287	6,588	7,109	7,861
New Hampshire	248	320	2,822	2,988	[a]3,061
New Jersey	2,778	2,901	17,996	17,597	14,963
New Mexico[2]	863	782	5,794	6,201	6,201
New York	4,595	5,407	37,705	36,778	31,047
North Carolina	2,621	2,960	17,109	17,072	16,243
North Dakota	151	163	1,301	1,298	1,223
Ohio	4,558	5,070	31,133	34,106	33,503
Oklahoma	2,223	2,173	14,010	15,012	13,888
Oregon	1,459	1,598	9,841	10,550	10,441
Pennsylvania	3,331	3,306	21,974	21,289	22,214
Rhode Island	...	319	...	2,067	2,197
South Carolina	1,254	1,168	7,945	8,090	7,960
South Dakota	230	177	1,504	1,530	1,644
Tennessee	2,901	3,216	17,256	18,640	17,194
Texas	9,432	9,573	59,511	56,726	55,767
Utah	602	719	4,783	4,680	4,605
Vermont	190	228	1,379	1,361	1,297
Virginia	2,180	2,341	13,975	14,057	13,415
Washington	2,524	2,573	15,646	17,279	15,381
West Virginia	767	865	5,917	6,244	5,743
Wisconsin	1,093	1,371	8,508	10,657	10,238
Wyoming	346	397	2,284	2,460	2,164

[1] Excludes figures for Rhode Island.
[2] Figures include estimates for some counties.
[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, July 1981-July 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981								
July	327,000	16.8	[a]71.4	68.7	237,000	12.2	51.8	[a]44.5
August	328,000	16.8	[a]71.5	[a]66.9	252,000	12.9	54.9	44.2
September	319,000	16.9	[a]71.9	[a]67.6	216,000	11.4	[a]48.7	43.3
October	321,000	16.4	69.8	68.9	204,000	10.4	44.3	45.7
November	291,000	15.4	65.4	66.2	172,000	9.1	38.7	42.6
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982								
January	[a]312,000	[a]16.0	[a]67.8	[a]69.6	[a]133,000	[a]6.8	[a]28.9	[a]43.6
February	[a]282,000	[a]15.9	[a]67.7	[a]68.3	[a]141,000	[a]8.0	[a]33.9	[a]44.2
March	297,000	[a]15.2	[a]64.4	[a]65.5	168,000	8.6	36.4	44.6
April	287,000	15.1	[a]64.0	[a]67.5	191,000	10.0	42.6	44.7
May	304,000	15.5	65.7	[a]68.1	239,000	12.2	51.7	49.1
June	[a]301,000	[a]15.9	[a]67.2	[a]68.2	290,000	15.3	64.8	46.2
July	338,000	17.2	72.8	69.3	250,000	12.7	53.8	46.2

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.

[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, June 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with June 1981 and 1982

(Rates on an annual basis per 1,000 estimated population for specified group)

Age, race, and sex	June				January-June				12 months ending with June			
	1982		1981		1982		1981		1982		1981	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All races	15,945	8.3	15,434	8.2	100,373	8.8	101,212	9.1	196,358	8.5	198,458	8.8
Male	8,690	9.4	8,376	9.2	53,757	9.7	54,466	10.1	105,572	9.4	107,488	9.7
Female	7,255	7.4	7,058	7.3	46,616	7.9	46,746	8.1	90,786	7.7	90,970	7.7
White	13,965	8.6	13,504	8.4	87,931	9.0	88,783	9.3	171,817	8.7	173,553	8.9
Male	7,520	9.5	7,294	9.3	46,717	9.8	47,532	10.2	91,706	9.5	93,501	9.8
Female	6,445	7.7	6,210	7.5	41,214	8.2	41,251	8.4	80,111	7.9	80,052	8.0
All other	1,980	7.2	1,930	7.2	12,442	7.5	12,429	7.8	24,541	7.4	24,905	7.6
Male	1,170	8.9	1,082	8.4	7,040	8.9	6,934	9.1	13,866	8.7	13,987	9.0
Female	810	5.6	848	6.0	5,402	6.2	5,495	6.6	10,675	6.1	10,918	6.4
Black	1,809	8.0	---	---	11,460	8.4	---	---	---	---	---	---
Male	1,071	10.0	---	---	6,448	10.1	---	---	---	---	---	---
Female	738	6.2	---	---	5,012	7.0	---	---	---	---	---	---
Under 1 year	353	11.8	357	12.0	2,140	11.8	2,136	12.2	4,298	11.7	4,325	12.0
1-14 years	162	0.4	158	0.4	873	0.4	939	0.4	1,773	0.4	1,893	0.4
15-24 years	402	1.2	389	1.1	2,065	1.0	2,150	1.0	4,337	1.0	4,664	1.1
25-34 years	413	1.3	410	1.3	2,421	1.2	2,512	1.4	5,132	1.3	5,071	1.3
35-44 years	455	2.0	487	2.2	2,836	2.1	2,992	2.3	5,807	2.1	5,850	2.2
45-54 years	1,051	5.7	1,072	5.8	6,283	5.6	6,629	6.0	12,594	5.6	13,361	5.9
55-64 years	2,396	13.2	2,305	12.8	14,372	13.1	14,821	13.9	28,658	13.0	29,284	13.4
65-74 years	3,654	27.7	3,641	28.0	23,642	29.6	23,830	30.9	46,177	28.8	46,575	29.5
75-84 years	4,133	61.5	3,962	60.7	26,716	66.0	26,408	68.3	51,297	63.2	51,416	65.0
85 years and over	2,926	144.5	2,649	137.1	18,985	155.9	18,757	164.7	36,183	148.4	35,928	155.0
Not stated	-	---	4	---	40	---	38	---	102	---	91	---

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, June 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with June 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		June				January-June				12 months ending with June			
		1982		1981		1982		1981		1982		1981	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All causes		15,945	826.7	15,434	824.9	100,373	876.3	101,212	908.7	196,358	850.1	198,458	878.4
Shigellosis and amebiasis	004,006	-	-	-	-	1	0.0	-	-	4	0.0		
Certain other intestinal infections	007-009	3	0.2	5	0.3	17	0.1	20	0.2	36	0.2	33	0.1
Tuberculosis	010-018	24	1.2	15	0.8	97	0.8	98	0.9	177	0.8	190	0.8
Tuberculosis of respiratory system	010-012	23	1.2	11	0.6	81	0.7	82	0.7	149	0.6	167	0.7
Other tuberculosis	013-018	1	0.1	4	0.2	16	0.1	16	0.1	28	0.1	23	0.1
Whooping cough	033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	1	0.1	1	0.1	4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	-	-	5	0.3	26	0.2	38	0.3	48	0.2	54	0.2
Septicemia	038	76	3.9	81	4.3	522	4.6	505	4.5	1,023	4.4	990	4.4
Acute poliomyelitis	045	-	-	-	-	2	0.0	2	0.0	3	0.0	3	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	5	0.3	10	0.5	40	0.3	42	0.4	74	0.3	85	0.4
Syphilis	090-097	-	-	-	-	3	0.0	10	0.1	12	0.1	19	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	33	1.7	40	2.1	197	1.7	211	1.9	395	1.7	399	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,603	186.8	3,483	186.2	21,575	188.4	20,873	187.4	42,651	184.7	41,592	184.1
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	78	4.0	78	4.2	438	3.8	423	3.8	830	3.6	855	3.8
Malignant neoplasms of digestive organs and peritoneum	150-159	902	46.8	919	49.1	5,509	48.1	5,450	48.9	11,067	47.9	10,924	48.4
Malignant neoplasms of respiratory and intrathoracic organs	160-165	968	50.2	908	48.5	5,665	49.5	5,537	49.7	11,249	48.7	10,903	48.3
Malignant neoplasm of breast	174-175	293	15.2	323	17.3	1,875	16.4	1,806	16.2	3,725	16.1	3,563	15.8
Malignant neoplasms of genital organs	179-187	397	20.6	395	21.1	2,343	20.5	2,232	20.0	4,672	20.2	4,538	20.1
Malignant neoplasms of urinary organs	188-189	159	8.2	142	7.6	942	8.2	888	8.0	1,812	7.8	1,767	7.8
Malignant neoplasms of all other and unspecified sites	170-173,190-199	489	25.4	431	23.0	2,832	24.7	2,712	24.3	5,453	23.6	5,359	23.7
Leukemia	204-208	130	6.7	121	6.5	811	7.1	774	6.9	1,590	6.9	1,589	7.0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	187	9.7	166	8.9	1,160	10.1	1,051	9.4	2,253	9.8	2,094	9.3
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	86	4.5	45	2.4	391	3.4	365	3.3	709	3.1	667	3.0
Diabetes mellitus	250	268	13.9	288	15.4	1,660	14.5	1,764	15.8	3,337	14.4	3,436	15.2
Nutritional deficiencies	260-269	17	0.9	15	0.8	139	1.2	104	0.9	236	1.0	223	1.0
Anemias	280-285	26	1.3	33	1.8	157	1.4	177	1.6	331	1.4	339	1.5
Meningitis	320-322	18	0.9	7	0.4	71	0.6	65	0.6	132	0.6	120	0.5
Major cardiovascular diseases	390-448	7,613	394.7	7,442	397.8	49,763	434.5	50,116	450.0	96,423	417.5	97,897	433.3
Diseases of heart	390-398,402,404-429	5,949	308.4	5,770	308.4	38,792	338.7	38,774	348.1	75,051	324.9	75,656	334.9
Rheumatic fever and rheumatic heart disease	390-398	54	2.8	59	3.2	341	3.0	407	3.7	700	3.0	796	3.5
Hypertensive heart disease	402	167	8.7	144	7.7	1,041	9.1	1,029	9.2	2,080	9.0	2,096	9.3
Hypertensive heart and renal disease	404	21	1.1	28	1.5	150	1.3	159	1.4	293	1.3	310	1.4
Ischemic heart disease	410-414	4,367	226.4	4,273	228.4	28,471	248.6	28,647	257.2	55,151	238.8	55,920	247.5
Acute myocardial infarction	410	2,277	118.0	2,285	122.1	14,858	129.7	14,855	133.4	28,944	125.3	29,415	130.2
Other acute and subacute forms of ischemic heart disease	411	29	1.5	20	1.1	255	2.2	212	1.9	475	2.1	422	1.9
Angina pectoris	413	2	0.1	3	0.2	22	0.2	23	0.2	44	0.2	44	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,059	106.7	1,965	105.0	13,336	116.4	13,557	121.7	25,688	111.2	26,039	115.3
Other diseases of endocardium	424	63	3.3	62	3.3	377	3.3	379	3.4	684	3.0	699	3.1
All other forms of heart disease	415-423,425-429	1,277	66.2	1,204	64.4	8,412	73.4	8,153	73.2	16,143	69.9	15,835	70.1
Hypertension with or without renal disease	401,403	62	3.2	76	4.1	390	3.4	429	3.9	738	3.2	782	3.5
Cerebrovascular diseases	430-438	1,226	63.6	1,243	66.4	8,205	71.6	8,450	75.9	15,961	69.1	16,631	73.6
Intracerebral and other intracranial hemorrhage	431-432	144	7.5	155	8.3	1,059	9.2	1,044	9.4	2,017	8.7	1,974	8.7
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	205	10.6	209	11.2	1,513	13.2	1,606	14.4	2,981	12.9	3,267	14.5
Cerebral embolism	434.1	7	0.4	6	0.3	36	0.3	23	0.2	87	0.4	53	0.2
All other and late effects of cerebrovascular diseases	430,433,435-438	870	45.1	873	46.7	5,597	48.9	5,777	51.9	10,876	47.1	11,337	50.2
Atherosclerosis	440	208	10.8	214	11.4	1,399	12.2	1,476	13.3	2,769	12.0	2,874	12.7
Other diseases of arteries, arterioles, and capillaries	441-448	168	8.7	139	7.4	977	8.5	987	8.9	1,904	8.2	1,954	8.6

Acute bronchitis and bronchiolitis	466	3	0.2	6	0.3	29	0.3	44	0.4	47	0.2	65	0.3
Pneumonia and influenza	480-487	361	18.7	330	17.6	2,634	23.0	3,263	29.3	4,759	20.6	5,560	24.6
Pneumonia	480-486	358	18.6	329	17.6	2,575	22.5	2,961	26.6	4,685	20.3	5,202	23.0
Influenza	487	3	0.2	1	0.1	59	0.5	302	2.7	74	0.3	358	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	519	26.9	428	22.9	3,098	27.0	3,296	29.6	5,729	24.8	6,018	26.6
Bronchitis, chronic and unspecified	490-491	37	1.9	22	1.2	189	1.7	221	2.0	357	1.5	397	1.8
Emphysema	492	109	5.7	109	5.8	681	5.9	767	6.9	1,257	5.4	1,444	6.4
Asthma	493	32	1.7	17	0.9	153	1.3	157	1.4	308	1.3	284	1.3
Other chronic obstructive pulmonary diseases and allied conditions	494-496	341	17.7	280	15.0	2,075	18.1	2,151	19.3	3,807	16.5	3,893	17.2
Ulcer of stomach and duodenum	531-533	49	2.5	52	2.8	331	2.9	326	2.9	691	3.0	628	2.8
Appendicitis	540-543	7	0.4	4	0.2	26	0.2	34	0.3	60	0.3	69	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	36	1.9	27	1.4	246	2.1	236	2.1	486	2.1	511	2.3
Chronic liver disease and cirrhosis	571	214	11.1	241	12.9	1,360	11.9	1,495	13.4	2,786	12.1	3,025	13.4
Cholelithiasis and other disorders of gallbladder	574-575	26	1.3	24	1.3	148	1.3	151	1.4	289	1.3	301	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	148	7.7	139	7.4	919	8.0	880	7.9	1,775	7.7	1,697	7.5
Acute glomerulonephritis and nephrotic syndrome	580-581	4	0.2	3	0.2	18	0.2	12	0.1	34	0.1	29	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	16	0.8	16	0.9	88	0.8	89	0.8	172	0.7	200	0.9
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	128	6.6	120	6.4	813	7.1	779	7.0	1,569	6.8	1,468	6.5
Infections of kidney	590	23	1.2	18	1.0	112	1.0	120	1.1	233	1.0	250	1.1
Hyperplasia of prostate	600	10	0.5	5	0.3	31	0.3	23	0.2	61	0.3	76	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	1	0.1	5	0.3	13	0.1	14	0.1	33	0.1	29	0.1
Pregnancy with abortive outcome	630-638	1	0.1	1	0.1	4	0.0	2	0.0	7	0.0	4	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	-	-	4	0.2	9	0.1	12	0.1	26	0.1	25	0.1
Congenital anomalies	740-759	106	5.5	103	5.5	672	5.9	663	6.0	1,334	5.8	1,316	5.8
Certain conditions originating in the perinatal period	760-779	182	9.4	183	9.8	1,034	9.0	987	8.9	2,163	9.4	2,116	9.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	49	2.5	69	3.7	298	2.6	321	2.9	634	2.7	687	3.0
Other conditions originating in the perinatal period	760-766,770-779	133	6.9	114	6.1	736	6.4	666	6.0	1,529	6.6	1,429	6.3
Symptoms, signs, and ill-defined conditions	780-799	307	15.9	280	15.0	1,953	17.1	1,934	17.4	3,767	16.3	3,779	16.7
All other diseases	Residual	916	47.5	857	45.8	6,006	52.4	5,863	52.6	11,762	50.9	11,337	50.2
Accidents and adverse effects	E800-E949	838	43.4	837	44.7	4,542	39.7	4,858	43.6	9,618	41.6	10,271	45.5
Motor vehicle accidents	E810-E825	420	21.8	415	22.2	2,070	18.1	2,383	21.4	4,688	20.3	5,156	22.8
All other accidents and adverse effects	E800-E807,E826-E949	418	21.7	422	22.6	2,472	21.6	2,475	22.2	4,930	21.3	5,115	22.6
Suicide	E950-E959	250	13.0	209	11.2	1,345	11.7	1,284	11.5	2,669	11.6	2,581	11.4
Homicide and legal intervention	E960-E978	156	8.1	190	10.2	1,074	9.4	1,192	10.7	2,213	9.6	2,455	10.9
All other external causes	E980-E999	20	1.0	26	1.4	135	1.2	158	1.4	287	1.2	324	1.4

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, June 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with June 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	June				January–June				12 months ending with June			
	1982		1981		1982		1981		1982		1981	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total, under 1 year	353	10.6	357	11.2	2,140	11.6	2,136	12.4	4,298	11.3	4,325	12.2
Under 28 days	246	7.5	249	7.9	1,428	7.8	1,365	8.0	2,934	7.7	2,895	8.1
28 days to 11 months	107	3.1	108	3.3	712	3.8	771	4.4	1,364	3.6	1,430	4.0
Certain gastrointestinal diseases (008-009,535,555-558)	3	0.1	4	0.1	12	0.1	19	0.1	23	0.1	34	0.1
Pneumonia and influenza (480-487)	2	0.1	7	0.2	42	0.2	42	0.2	71	0.2	83	0.2
Congenital anomalies (740-759)	76	2.3	64	2.0	464	2.5	447	2.6	907	2.4	900	2.5
Disorders relating to short gestation and unspecified low birthweight (765)	36	1.1	34	1.1	185	1.0	178	1.0	386	1.0	364	1.0
Birth trauma (767)	3	0.1	10	0.3	33	0.2	50	0.3	70	0.2	93	0.3
Intrauterine hypoxia and birth asphyxia (768)	13	0.4	12	0.4	75	0.4	74	0.4	144	0.4	157	0.4
Respiratory distress syndrome (769)	32	1.0	46	1.5	189	1.0	195	1.1	419	1.1	433	1.2
Other conditions originating in the perinatal period (760-764,766,770-779)	96	2.9	79	2.5	543	3.0	486	2.8	1,131	3.0	1,057	3.0
Sudden infant death syndrome (798.0)	40	1.2	43	1.3	255	1.4	276	1.6	474	1.2	510	1.4
All other causes (Residual)	52	1.5	58	1.8	342	1.8	369	2.1	673	1.8	694	2.0

(Continued from page 3)

months ending with June 1981 (8.8). The estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 2 percent for the white population (from 8.9 to 8.7), and 3 percent for the population of all other races (from 7.6 to 7.4). The estimated death rate for females remained unchanged (7.7 per 1,000 population). By age, the death rate was lower for each age group 45-54 years and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Motor vehicle accidents, All other accidents and adverse effects, Pneumonia and influenza, Diabetes mellitus, Chronic liver disease and cirrhosis, Atherosclerosis, and Homicide and legal intervention.

The 7-percent decrease in infant mortality (from 12.2 deaths per 1,000 live births for the 12 months ending with June 1981 to 11.3 for the 12 months ending with June 1982) reflects a 5-percent decrease in the rate for infants under 28 days and a 10-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.1 to 7.7 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 4.0 to 3.6 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	Percent error of estimate	
	15,000 total deaths in sample each month	180,000 total deaths in sample each year
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000		0.6
50,000		0.4
100,000		0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

...	Data not available
....	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

Vol. 31, No. 8 • November 15, 1982

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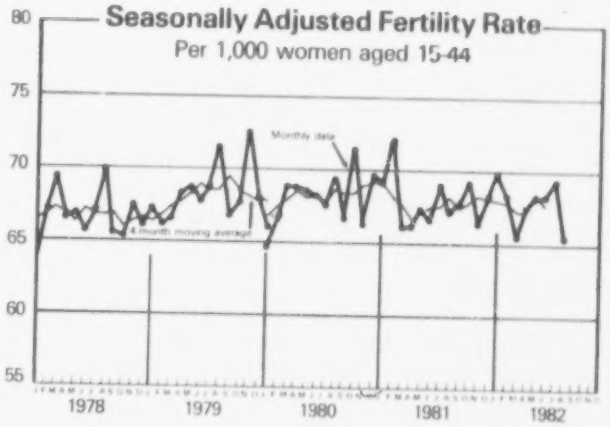
Births, Marriages, Divorces, and Deaths for August 1982

Births

There were an estimated 322,000 live births in the United States during August 1982, nearly 2 percent fewer than occurred during August 1981 (328,000). The birth rate for August 1982, 16.4 live births per 1,000 population, was also about 2 percent lower than the rate for August 1981 (16.8). The fertility rate was 69.3 live births per 1,000 women aged 15-44 years, 3 percent lower than the rate of 71.5 for August 1981; the seasonally adjusted fertility rate was 65.3, 2 percent lower than the rate of 66.9 for August 1981.

Provisional data for the first 8 months of 1982 indicate that there were 2,444,000 live births, 1 percent more than were estimated for the same period in 1981 (2,408,000). The birth rate for January through August 1982 was 15.9 compared with 15.8 for the comparable period in 1981. The fertility rate was 67.4, virtually unchanged from the rate of 67.3 for the first 8 months of 1981.

There were an estimated 3,682,000 live births during the 12-month period ending with August 1982, about 1 percent more than were estimated for the same period ending a year earlier (3,639,000). The birth rate for the 12 months ending with August



Provisional Vital Statistics for the United States

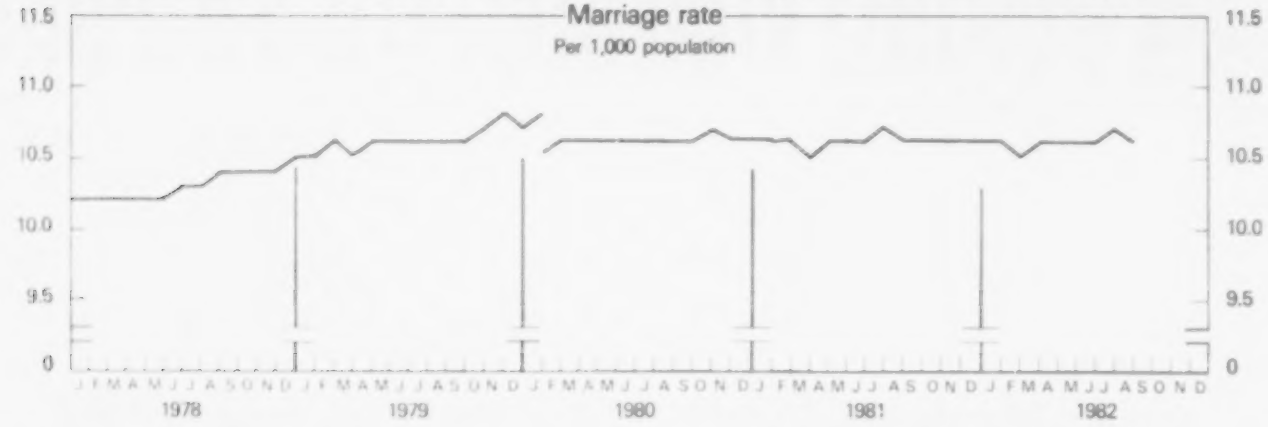
[Data are subject to monthly reporting variation; see Technical notes]

Item	August				January-August				12 months ending with August				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	322,000	328,000	16.4	16.8	2,444,000	2,408,000	15.9	15.8	3,682,000	3,639,000	16.0	15.9	15.7
Deaths	161,000	155,000	8.2	7.9	1,329,000	1,342,000	8.6	8.8	1,973,000	1,995,000	8.5	8.7	8.7
Natural increase	161,000	173,000	8.2	8.9	1,115,000	1,066,000	7.3	7.0	1,709,000	1,644,000	7.5	7.2	7.0
Marriages	252,000	252,000	12.8	12.9	1,665,000	1,646,000	10.8	10.8	2,457,000	2,431,000	10.6	10.6	10.6
Divorces	94,000	100,000	4.8	5.1	780,000	809,000	5.1	5.3	1,190,000	1,213,000	5.2	5.3	5.2
Infant deaths	3,500	3,300	10.8	10.2	27,600	28,500	11.3	11.8	41,900	43,400	11.4	11.9	12.8
Population base (in millions)	...	...	231.7	229.5	...	...	...	...	...	...	230.8	228.6	226.3

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES — Public Health Service

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

1982 was 16.0, almost 1 percent higher than the rate for the same period ending with August 1981 (15.9). The fertility rate was 67.7 compared with 67.8 for the corresponding period ending a year ago.

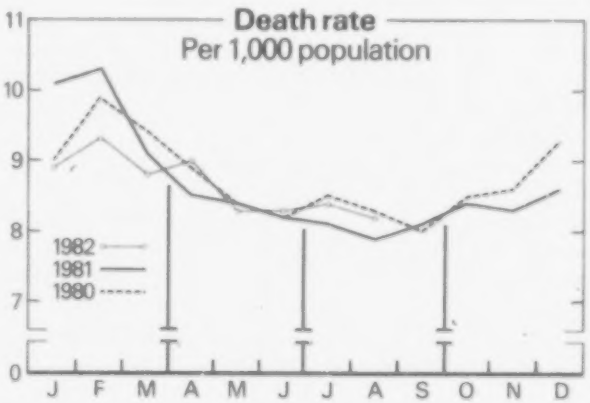
Natural Increase

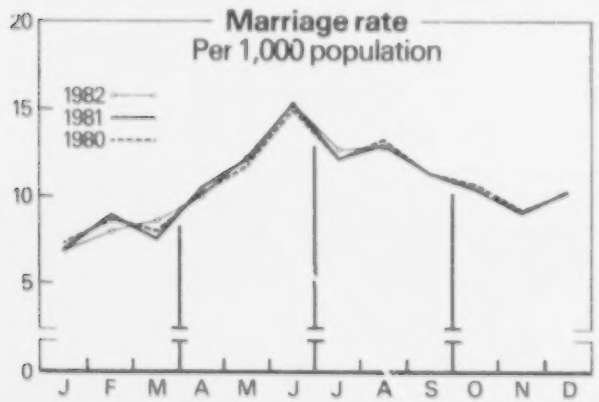
An estimated 161,000 persons were added to the population during August 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 8 months of 1982 was 7.3 persons per 1,000 population, 4 percent higher than the rate for the same period in 1981 (7.0). This increase was due principally to the decline in the death rate.

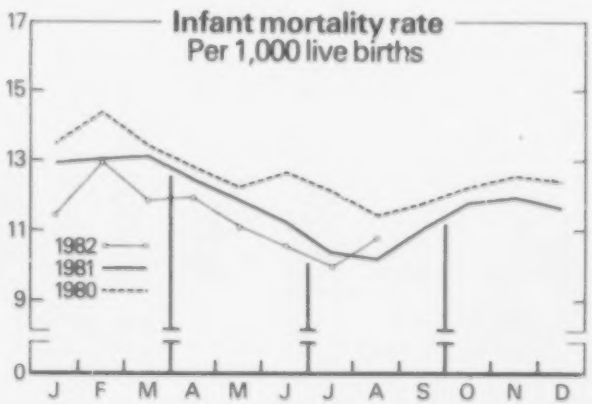
Marriages

The numbers and rates for marriages are relatively stable. In August 1982 the number of marriages was the same as it was in August 1981. The marriage total for the first 8 months of 1982 (1,665,000) was 1 percent more than the total for the first 8 months of 1981. However, the marriage rate was the same for both periods, 10.8 per 1,000 population.

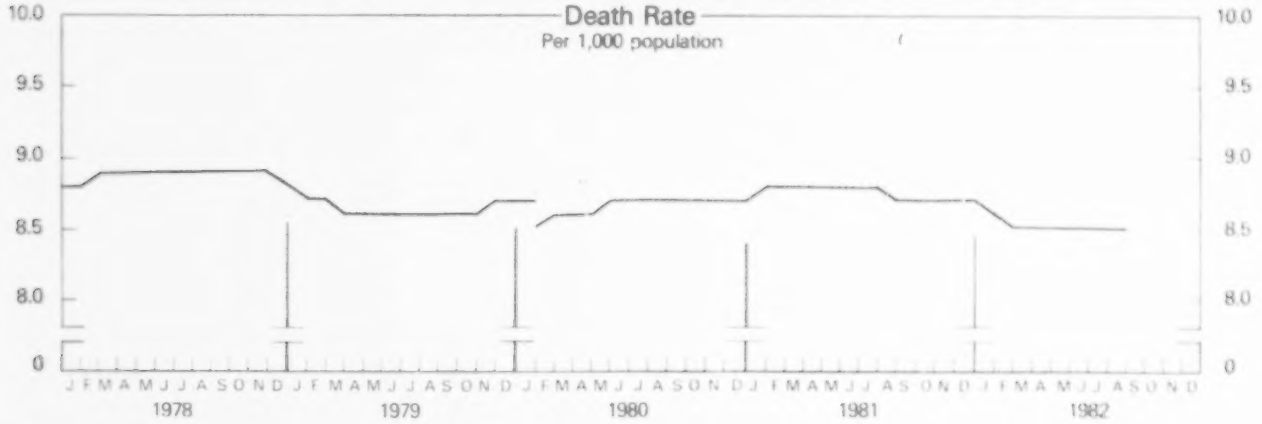
During the 12 months ending with August 1982 there were 2,457,000 marriages, 1 percent more than the total for the previous 12 months. The 12-month marriage rate was 10.6 per 1,000 population, the same as it was in August 1981 and August 1980.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

According to provisional reports, divorces continued below the level of a year ago. In August 1982, 94,000 divorces were reported compared to 100,000 in August 1981. From January through August 1982 there were 780,000 divorces, a decline of about 4 percent from the provisional total for the same period in 1981 (809,000). The divorce rate for January through August 1982 was 5.1 per 1,000 population compared with 5.3 for January through August 1981.

During the 12 months ending with August 1982, 1,190,000 divorces were reported, 2 percent less than the total for the 12 months ending with August 1981. The 12-month rate was 5.2 per 1,000 population for the fifth consecutive month, after it declined from the level of 5.3 that it held from June 1981 to March 1982.

Deaths

For August 1982 the provisional count of deaths totaled 161,000, amounting to a rate of 8.2 deaths per 1,000 population. This rate was 4 percent higher than the rate of 7.9 for August 1981. Among the 161,000 deaths for August 1982 were 3,500 deaths at ages under 1 year, yielding an infant mortality rate of 10.8 deaths per 1,000 live births.

The provisional death rate for the 12 months ending with July 1982 (8.5 deaths per 1,000 population) was 3 percent lower than the rate for the 12 months ending with July 1981 (8.8). The estimated death rate decreased 4 percent for males (from 9.8 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.8 to 7.7), 2 percent for the white population (from 8.9 to 8.7), and 4 percent for the

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, August 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	August		January-August			August		January-August		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	12,983	[p]13,840	104,844	[p]107,648	[p]105,493	10,734	[p]11,198	66,131	[p]69,233	[p]71,949
Maine	1,297	1,474	10,628	11,207	10,725	1,631	1,703	8,350	8,618	9,736
New Hampshire	1,207	[p]723	9,155	[p]8,603	[p]9,333	1,544	[p]822	6,328	[p]6,189	[p]6,352
Vermont	609	584	5,019	5,033	4,802	761	558	3,638	3,311	3,275
Massachusetts	6,069	6,436	51,413	51,005	49,718	3,217	4,268	25,412	29,884	30,940
Rhode Island	1,192	1,251	8,645	8,494	8,352	847	894	5,149	4,948	4,590
Connecticut	2,609	3,372	19,984	23,306	22,563	2,734	[p]2,953	17,254	[p]16,283	[p]17,056
Middle Atlantic	42,282	42,749	338,862	330,097	316,791	40,242	28,485	203,626	195,773	188,629
New York[1]	20,638	19,756	168,694	162,101	153,126	25,063	12,758	106,229	98,912	91,826
New Jersey	7,601	8,449	62,223	61,446	59,003	5,537	6,095	38,023	37,324	35,493
Pennsylvania	14,043	14,544	107,945	106,550	104,662	9,642	9,632	59,374	59,537	61,310
East North Central	56,762	61,119	425,788	435,067	[p]439,721	43,503	42,942	251,959	258,285	[p]261,635
Ohio	14,875	18,050	107,965	113,184	111,769	10,552	10,596	67,593	65,146	65,494
Indiana	7,340	7,738	56,277	55,986	58,318	6,076	6,466	38,144	38,060	40,119
Illinois	15,368	16,534	118,802	120,757	[p]123,510	11,757	11,625	70,475	71,545	72,088
Michigan	12,061	12,554	91,711	93,941	94,680	9,809	9,676	48,585	54,775	55,003
Wisconsin	7,128	6,243	52,033	51,199	[p]51,434	5,309	4,579	27,162	28,759	[p]28,931
West North Central	25,321	26,725	188,906	191,314	[p]192,281	21,845	19,507	119,775	119,775	[p]118,100
Minnesota	5,906	5,945	44,779	45,279	[p]45,401	4,610	4,651	24,795	25,439	[p]24,933
Iowa	4,212	4,267	30,299	31,134	31,760	3,293	3,424	18,496	18,626	18,574
Missouri	6,787	7,623	51,773	52,278	53,203	7,894	5,143	37,956	37,621	37,175
North Dakota	1,247	1,180	9,073	9,018	8,658	818	782	4,297	4,182	4,102
South Dakota	1,042	1,079	6,500	8,456	8,501	1,038	1,019	5,824	6,008	6,169
Nebraska	2,518	2,490	18,048	18,734	18,616	1,444	1,596	10,158	10,334	9,935
Kansas	3,609	4,141	26,434	26,415	26,142	2,748	2,892	18,249	17,555	17,212
South Atlantic	50,679	48,777	370,386	358,859	356,968	41,008	40,677	291,353	285,557	280,701
Delaware	833	795	6,265	6,178	6,378	427	499	3,010	2,981	2,899
Maryland	5,161	4,728	37,889	35,516	34,083	4,920	4,553	31,739	30,997	30,720
District of Columbia	1,248	1,647	12,371	11,618	11,884	584	530	3,895	3,606	3,454
Virginia	7,558	6,889	52,087	50,588	49,326	6,155	6,503	42,002	41,613	41,088
West Virginia	2,348	2,326	18,685	19,237	20,201	1,772	1,842	11,216	11,298	12,019
North Carolina	7,850	7,813	57,099	55,534	56,060	5,098	4,835	34,909	32,580	31,752
South Carolina	4,569	4,629	32,628	32,659	32,565	5,161	5,341	36,257	37,255	36,321
Georgia	7,589	7,376	59,938	59,558	61,915	7,433	5,965	49,879	48,407	46,775
Florida	13,523	12,574	93,444	87,971	84,556	9,458	10,609	78,446	76,820	75,073
East South Central	20,183	20,367	155,038	155,745	160,938	15,473	17,302	112,782	115,340	114,973
Kentucky	4,519	4,905	38,017	38,725	40,865	2,912	3,431	22,291	23,385	22,349
Tennessee	6,344	6,094	47,358	46,769	48,125	5,494	5,641	39,215	40,089	39,831
Alabama	5,101	5,184	39,971	40,771	40,721	4,512	5,314	32,319	33,154	33,503
Mississippi	4,219	4,184	29,692	29,480	31,227	2,555	2,916	18,957	18,712	19,290
West South Central	42,016	38,263	310,837	288,415	[p]277,784	33,015	33,627	215,278	204,890	197,275
Arkansas	3,315	3,438	21,711	23,165	24,050	2,591	2,783	19,011	17,841	16,733
Louisiana	7,925	7,285	56,007	53,104	50,996	4,231	4,498	29,402	30,627	27,436
Oklahoma	5,189	4,772	36,326	33,858	[p]33,325	4,508	4,253	33,066	32,173	31,761
Texas	25,587	22,768	196,793	178,288	169,413	21,687	22,093	133,799	124,249	121,345
Mountain	20,356	23,226	155,134	153,705	148,687	[2]12,534	[2]13,498	[2]88,705	[2]90,352	[p]188,814
Montana	1,240	1,260	9,582	9,363	9,386	1,079	987	5,580	5,541	5,575
Idaho	1,403	1,813	12,695	13,021	13,158	1,517	1,712	9,418	9,833	8,694
Wyoming	853	961	6,589	6,967	6,157	792	721	4,512	4,663	4,430
Colorado	5,004	4,531	36,619	34,532	33,025	2,948	3,928	24,022	24,764	22,932
New Mexico[3]	2,185	4,834	17,168	18,875	16,897	1,641	1,534	11,942	11,581	11,337
Arizona[4]	4,494	4,684	34,170	33,276	32,490	2,370	2,452	20,232	21,505	[p]20,412
Utah	3,686	3,963	29,829	28,460	28,749	2,187	2,164	12,999	12,465	11,915
Nevada	1,291	1,180	8,482	9,211	8,826	---	---	---	---	83,519
Pacific	45,342	44,462	361,354	369,627	349,478	26,293	[p]31,979	213,569	[p]203,591	207,125
Washington	4,323	5,644	39,593	49,151	44,244	3,893	5,680	29,430	32,755	30,393
Oregon	3,652	3,825	28,736	29,960	29,598	1,997	2,604	15,464	15,331	15,033
California	[5]34,760	[5]32,532	273,524	271,957	257,534	18,456	[p]21,806	155,548	[p]143,236	160,088
Alaska	1,048	814	7,138	6,584	6,111	698	628	4,033	3,853	3,374
Hawaii	1,559	1,647	12,363	11,975	11,991	1,249	1,261	9,094	8,416	8,237
New York City[3]	9,768	8,921	74,875	70,991	70,324	7,270	6,248	47,024	42,688	40,801
Puerto Rico	4,730	5,826	37,872	40,197	---	2,304	2,365	17,806	19,324	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4-week reporting period.
[p] Revised.

Table 2. Deaths and infant deaths: each reporting area, August 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	August		January-August			August		January-August		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	9,990	9,205	73,776	74,642	76,572	241	123	1,143	1,007	1,107
Maine	765	799	6,630	6,913	7,365	13	12	109	93	93
New Hampshire	616	711	5,025	5,100	5,121	13	16	88	74	81
Vermont	297	240	3,034	3,007	2,845	9	6	36	40	41
Massachusetts	5,698	4,297	36,337	36,244	37,450	163	46	552	473	564
Rhode Island	754	819	6,103	6,304	6,224	14	23	101	112	98
Connecticut	1,860	2,339	16,647	17,074	17,567	29	20	257	215	229
Middle Atlantic	27,442	25,794	235,658	238,744	235,881	434	[r]441	3,865	[r]4,030	[r]4,285
New York[1]	12,372	12,209	112,317	114,504	111,937	216	[r]244	2,132	[r]2,077	2,147
New Jersey	4,678	5,035	43,004	44,942	42,487	75	79	711	707	[r]724
Pennsylvania	10,392	8,550	80,337	79,298	81,457	143	118	1,022	1,246	1,414
East North Central	29,140	29,730	237,440	240,707	[r]239,990	610	643	4,793	5,191	[r]5,410
Ohio	7,873	9,653	62,409	65,768	65,228	156	201	1,187	1,274	1,330
Indiana	3,783	3,401	31,168	31,784	31,408	88	59	619	638	680
Illinois	7,972	7,820	65,379	65,824	66,326	201	204	1,597	1,641	1,777
Michigan	6,933	5,886	49,789	50,097	48,882	120	143	1,049	1,229	1,171
Wisconsin	3,579	2,970	28,695	27,234	[r]28,146	45	36	341	409	[r]452
West North Central	13,350	12,841	105,456	105,046	[r]106,096	225	276	1,990	2,186	[r]2,261
Minnesota	2,696	2,708	22,134	21,192	[r]21,716	50	54	410	462	[r]421
Iowa	2,197	2,117	17,901	18,015	17,846	38	38	257	290	381
Missouri	4,568	4,295	33,167	33,858	33,903	78	111	674	799	776
North Dakota	453	461	3,769	3,842	3,854	8	15	110	122	113
South Dakota	487	452	4,374	4,213	4,393	10	7	69	79	78
Nebraska	1,213	1,161	9,765	9,742	9,811	19	21	202	178	228
Kansas	1,736	1,647	14,346	14,184	14,573	22	30	268	256	264
South Atlantic	26,867	25,651	224,087	230,907	222,778	578	602	4,757	5,109	[r]5,234
Delaware	458	420	3,481	3,456	3,414	12	11	66	76	85
Maryland	2,757	2,664	22,159	22,352	21,812	48	40	389	385	[r]419
District of Columbia	667	641	5,473	6,010	5,990	31	36	247	316	364
Virginia	3,251	3,264	27,540	27,765	28,000	70	79	604	625	648
West Virginia	1,519	1,356	12,783	13,249	12,883	22	20	198	257	274
North Carolina	3,787	4,006	32,612	33,423	32,759	93	86	781	756	850
South Carolina	1,963	1,806	16,051	16,409	16,149	62	72	491	513	476
Georgia	3,721	3,182	30,378	32,924	29,864	82	101	778	944	861
Florida	8,744	8,312	73,610	75,319	71,907	158	157	1,203	1,237	1,257
East South Central	10,471	10,112	90,328	92,001	90,848	247	226	2,137	2,133	2,268
Kentucky	2,446	2,454	22,331	22,839	22,640	45	47	451	435	464
Tennessee	3,525	3,166	28,859	29,280	28,788	86	67	658	694	679
Alabama	2,656	2,634	23,762	24,227	23,942	67	57	581	574	620
Mississippi	1,844	1,858	15,376	15,655	15,478	49	55	447	430	505
West South Central	15,198	15,153	135,693	134,300	[r]132,760	429	435	3,642	3,603	3,598
Arkansas	1,861	1,730	14,908	14,984	15,246	37	32	224	259	289
Louisiana	2,752	2,664	24,559	24,652	24,147	105	88	745	731	802
Oklahoma	2,275	2,242	19,396	18,685	[r]19,535	52	47	390	388	351
Texas	8,310	8,517	76,830	75,979	73,832	234	268	2,283	2,225	2,156
Mountain	6,503	6,576	56,017	55,829	53,659	192	189	1,569	1,589	1,697
Montana	550	591	4,321	4,466	4,388	6	14	63	83	89
Idaho	532	528	4,394	4,405	4,199	12	11	112	95	93
Wyoming	265	267	2,027	1,945	1,992	5	5	33	47	43
Colorado	1,587	1,521	13,596	13,349	12,821	48	39	380	388	399
New Mexico	576	802	5,538	6,097	5,681	19	17	157	176	196
Arizona	1,736	1,716	15,554	15,497	14,787	47	56	389	423	456
Utah	742	756	6,104	5,696	5,584	47	39	335	281	323
Nevada	515	395	4,483	4,375	4,207	8	8	100	96	98
Pacific	20,103	18,097	167,967	168,149	171,573	467	392	3,813	3,800	[r]4,270
Washington	2,797	2,709	21,733	23,190	21,922	70	28	432	391	514
Oregon	1,728	1,861	14,393	14,818	14,668	36	42	329	338	369
California	[2]14,957	[2]12,842	126,968	125,358	130,311	[2]334	[2]286	2,846	2,846	[r]3,178
Alaska	152	154	1,138	1,223	1,121	9	14	82	91	81
Hawaii	469	451	3,735	3,560	3,551	18	22	124	134	[r]128
New York City	5,574	5,482	48,638	49,082	50,821	129	129	1,152	1,131	1,140
Puerto Rico	1,498	1,619	12,273	12,364	...	89	127	662	700	...

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[r] Revised.

Table 3. Divorces: each reporting area, August 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported, see Technical notes]

Area	August		January-August		
	1982	1981	1982	1981	1980
Total, 48 areas[1]	88,395	[a]93,992	736,850	[a]766,100	[a]734,435
Alabama	1,989	2,575	17,149	18,607	17,987
Alaska	233	413	2,481	2,563	2,306
Arizona	1,645	1,867	13,678	13,704	[a]12,994
Arkansas	1,521	1,308	10,495	12,393	14,660
California	8,964	[a]11,594	88,079	[a]87,190	90,134
Colorado	1,386	1,018	10,895	12,407	11,657
Connecticut	1,106	999	7,235	8,070	7,201
Delaware	210	179	2,001	1,542	1,507
District of Columbia	317	223	2,378	2,607	2,393
Florida	5,552	6,016	47,984	50,398	47,003
Georgia	2,360	3,188	22,808	24,474	23,087
Hawaii	266	411	2,866	2,797	2,928
Idaho	611	565	4,290	4,377	4,211
Illinois	4,679	3,977	32,939	34,820	32,461
Iowa	892	1,035	7,224	8,032	7,618
Kansas	997	1,184	8,479	9,843	8,377
Kentucky	1,383	1,265	10,782	11,676	[a]11,642
Maine	565	542	3,931	4,226	3,975
Maryland	1,280	1,296	9,935	10,370	10,666
Massachusetts	620	2,882	14,829	14,091	9,907
Michigan	3,277	2,275	24,676	30,750	28,108
Minnesota	1,104	1,400	9,408	10,591	[a]9,975
Mississippi	662	846	8,643	8,831	8,406
Missouri	2,954	2,277	18,428	18,416	18,750
Montana	384	415	3,048	3,316	3,261
Nebraska	516	550	4,317	4,493	4,266
Nevada	1,233	508	7,821	7,617	9,065
New Hampshire	573	[a]304	3,395	[a]3,292	[a]3,458
New Jersey	1,897	1,602	19,893	19,199	16,697
New Mexico[2]	821	977	6,615	7,178	7,169
New York	4,302	6,181	42,007	42,959	37,357
North Carolina	2,603	2,602	19,712	19,674	18,494
North Dakota	177	199	1,478	1,497	1,392
Ohio	4,502	5,190	35,635	39,296	38,025
Oklahoma	2,108	2,195	16,087	17,207	16,019
Oregon	951	1,340	10,792	11,890	11,851
Pennsylvania	3,429	3,326	25,403	24,615	24,982
Rhode Island	---	285	---	2,352	2,475
South Carolina	1,171	1,127	9,116	9,217	9,013
South Dakota	239	328	1,743	1,858	1,858
Tennessee	2,467	2,662	19,723	21,302	19,088
Texas	7,534	7,935	67,045	64,361	63,542
Utah	687	663	5,470	5,333	5,219
Vermont	298	206	1,677	1,567	1,622
Virginia	2,372	1,913	16,347	15,970	15,237
Washington	2,759	2,174	18,405	19,453	17,940
West Virginia	970	948	6,887	7,192	6,690
Wisconsin	1,519	1,452	10,027	12,109	11,734
Wyoming	310	270	2,594	2,730	2,503

[1] Excludes figures for Rhode Island.
[2] Figures include estimates for some counties.
[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, August 1981-August 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981:								
August	328,000	16.8	[a]71.5	[a]66.9	252,000	12.9	54.9	44.2
September	319,000	16.9	[a]71.9	[a]67.6	216,000	11.4	[a]48.3	43.3
October	321,000	16.4	69.8	68.9	204,000	10.4	44.3	45.7
November	291,000	15.4	65.4	66.2	172,000	9.1	38.7	42.6
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982:								
January	[a]312,000	[a]16.0	[a]67.8	[a]69.6	[a]133,000	[a]6.8	[a]28.9	[a]43.6
February	[a]282,000	[a]15.9	[a]67.7	[a]68.3	[a]141,000	[a]8.0	[a]33.9	[a]44.2
March	297,000	[a]15.2	[a]64.4	[a]65.5	168,000	8.6	36.4	44.6
April	287,000	15.1	[a]64.0	[a]67.5	191,000	10.0	42.6	44.7
May	304,000	15.5	65.7	[a]68.1	239,000	12.2	51.7	49.1
June	[a]301,000	[a]15.9	[a]67.2	[a]68.2	290,000	15.3	64.8	46.2
July	338,000	17.2	72.8	69.3	250,000	12.7	53.8	46.2
August	322,000	16.4	69.3	65.3	252,000	12.8	54.2	43.6

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, July 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with July 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	July				January-July				12 months ending with July			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	16,185	8.4	15,889	8.1	116,558	8.7	117,101	8.9	196,654	8.5	197,798	8.8
Male	8,727	9.1	8,644	9.1	62,484	9.6	63,110	9.9	105,655	9.4	107,114	9.8
Female	7,458	7.4	7,245	7.2	54,074	7.8	53,991	8.0	90,999	7.7	90,684	7.8
White	14,162	8.4	13,786	8.3	102,093	8.9	102,569	9.1	172,193	8.7	173,045	8.9
Male	7,600	9.3	7,445	9.2	54,317	9.7	54,977	10.1	91,861	9.6	93,162	9.9
Female	6,562	7.6	6,341	7.4	47,776	8.1	47,592	8.3	80,332	7.9	79,883	8.0
All other	2,023	7.1	2,103	7.5	14,465	7.4	14,532	7.7	24,461	7.3	24,753	7.6
Male	1,127	8.3	1,199	9.0	8,167	8.8	8,133	9.1	13,794	8.7	13,952	9.1
Female	896	6.0	904	6.2	6,298	6.2	6,399	6.5	10,667	6.1	10,801	6.4
Black	1,854	7.9	---	---	13,314	9.3	---	---	---	---	---	---
Male	1,028	9.3	---	---	7,476	10.0	---	---	---	---	---	---
Female	826	6.7	---	---	5,838	6.9	---	---	---	---	---	---
Under 1 year	329	10.7	361	11.9	2,469	11.6	2,497	12.1	4,266	11.6	4,321	12.1
1-14 years	158	0.4	185	0.5	1,031	0.4	1,124	0.4	1,746	0.4	1,891	0.4
15-24 years	410	1.2	430	1.2	2,475	1.0	2,580	1.1	4,317	1.0	4,626	1.1
25-34 years	462	1.4	471	1.4	2,883	1.3	2,983	1.4	5,123	1.3	5,086	1.4
35-44 years	528	2.2	499	2.2	3,364	2.1	3,491	2.3	5,836	2.1	5,872	2.2
45-54 years	1,041	5.5	1,119	5.8	7,324	5.6	7,748	6.0	12,516	5.6	13,265	5.9
55-64 years	2,345	12.5	2,349	12.6	16,717	13.0	17,170	13.7	28,654	13.0	29,143	13.5
65-74 years	3,861	28.2	3,800	28.1	27,503	29.4	27,630	30.5	46,238	28.9	46,521	29.8
75-84 years	4,150	59.3	4,062	59.8	30,866	65.0	30,470	67.1	51,385	63.3	51,290	65.5
85 years and over	2,894	137.2	2,607	129.1	21,879	153.1	21,364	159.5	36,470	149.5	35,693	155.7
Not stated	7	...	6	...	47	...	44	...	103	...	90	...

[1] Figures for Colorado are not included in the July sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, July 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with July 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		July				January–July				12 months ending with July			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		16,185	837.6	15,889	806.7	116,558	870.7	117,101	893.8	196,654	852.8	197,798	875.3
Shigellosis and amebiasis	004,006	1	0.1	-	-	2	0.0	-	-	5	0.0	-	-
Certain other intestinal infections	007-009	1	0.1	2	0.1	18	0.1	22	0.2	35	0.2	33	0.1
Tuberculosis	010-018	17	0.9	14	0.7	114	0.9	112	0.9	180	0.8	191	0.8
Tuberculosis of respiratory system	010-012	16	0.8	12	0.6	97	0.7	94	0.7	153	0.7	167	0.7
Other tuberculosis	013-018	1	0.1	2	0.1	17	0.1	18	0.1	27	0.1	24	0.1
Whooping cough	033	-	-	-	-	-	-	-	-	1	0.0	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	1	0.1	3	0.2	27	0.2	41	0.3	46	0.2	53	0.2
Septicemia	038	89	4.6	70	3.6	611	4.6	575	4.4	1,042	4.5	973	4.3
Acute poliomyelitis	045	-	-	-	-	2	0.0	2	0.0	3	0.0	3	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	7	0.4	4	0.2	47	0.4	46	0.4	77	0.3	82	0.4
Syphilis	090-097	1	0.1	1	0.1	4	0.0	11	0.1	12	0.1	19	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	34	1.8	34	1.7	231	1.7	245	1.9	395	1.7	403	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,646	188.7	3,515	178.5	25,221	188.4	24,388	186.2	42,782	185.5	41,648	184.3
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	68	3.5	76	3.9	506	3.8	499	3.8	822	3.6	858	3.8
Malignant neoplasms of digestive organs and peritoneum	150-159	945	48.9	937	47.6	6,454	48.2	6,387	48.8	11,075	48.0	10,979	48.6
Malignant neoplasms of respiratory and intrathoracic organs	160-165	956	49.5	919	46.7	6,621	49.5	6,456	49.3	11,286	48.9	10,894	48.2
Malignant neoplasm of breast	174-175	320	16.6	284	14.4	2,195	16.4	2,090	16.0	3,761	16.3	3,549	15.7
Malignant neoplasms of genital organs	179-187	424	21.9	371	18.8	2,767	20.7	2,603	19.9	4,725	20.5	4,507	19.9
Malignant neoplasms of urinary organs	188-189	160	8.3	156	7.9	1,102	8.2	1,044	8.0	1,816	7.9	1,777	7.9
Malignant neoplasms of all other and unspecified sites	170-173,190-199	472	24.4	446	22.6	3,304	24.7	3,158	24.1	5,479	23.8	5,342	23.6
Leukemia	204-208	149	7.7	132	6.7	960	7.2	906	6.9	1,607	7.0	1,605	7.1
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	152	7.9	194	9.8	1,312	9.8	1,245	9.5	2,211	9.6	2,137	9.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	62	3.2	47	2.4	453	3.4	412	3.1	724	3.1	664	2.9
Diabetes mellitus	250	262	13.6	250	12.7	1,922	14.4	2,014	15.4	3,349	14.5	3,411	15.1
Nutritional deficiencies	260-269	17	0.9	11	0.6	156	1.2	115	0.9	242	1.0	215	1.0
Anemias	280-285	31	1.6	22	1.1	188	1.4	199	1.5	340	1.5	329	1.5
Meningitis	320-322	8	0.4	11	0.6	79	0.6	76	0.6	129	0.6	120	0.5
Major cardiovascular diseases	390-448	7,767	402.0	7,662	389.0	57,530	429.7	57,778	441.0	96,528	418.6	97,509	431.5
Diseases of heart	390-398,402,404-429	6,065	313.9	5,982	303.7	44,857	335.1	44,756	341.6	75,134	325.8	75,383	333.6
Rheumatic fever and rheumatic heart disease	390-398	60	3.1	70	3.6	401	3.0	477	3.6	690	3.0	795	3.5
Hypertensive heart disease	402	187	9.7	189	9.6	1,228	9.2	1,218	9.3	2,078	9.0	2,080	9.2
Hypertensive heart and renal disease	404	19	1.0	20	1.0	169	1.3	179	1.4	292	1.3	300	1.3
Ischemic heart disease	410-414	4,372	226.3	4,429	224.9	32,843	245.3	33,076	252.5	55,094	238.9	55,730	246.6
Acute myocardial infarction	410	2,295	118.8	2,326	118.1	17,153	128.1	17,181	131.1	28,913	125.4	29,354	129.9
Other acute and subacute forms of ischemic heart disease	411	37	1.9	37	1.9	292	2.2	249	1.9	475	2.1	422	1.9
Angina pectoris	413	3	0.2	6	0.3	25	0.2	29	0.2	41	0.2	47	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,037	105.4	2,060	104.6	15,373	114.8	15,617	119.2	25,665	111.3	25,907	114.6
Other diseases of endocardium	424	74	3.8	47	2.4	451	3.4	426	3.3	711	3.1	701	3.1
All other forms of heart disease	415-423,425-429	1,353	70.0	1,227	62.3	9,765	72.9	9,380	71.6	16,269	70.6	15,777	69.8
Hypertension with or without renal disease	401,403	66	3.4	53	2.7	456	3.4	482	3.7	751	3.3	768	3.4
Cerebrovascular diseases	430-438	1,263	65.4	1,236	62.8	9,468	70.7	9,686	73.9	15,988	69.3	16,506	73.0
Intracerebral and other intracranial hemorrhage	431-432	145	7.5	140	7.1	1,204	9.0	1,184	9.0	2,022	8.8	1,950	8.6
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	217	11.2	210	10.7	1,730	12.9	1,816	13.9	2,988	13.0	3,191	14.1
Cerebral embolism	434.1	8	0.4	7	0.4	44	0.3	30	0.2	88	0.4	59	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	893	46.2	879	44.6	6,490	48.5	6,656	50.8	10,890	47.2	11,306	50.0
Atherosclerosis	440	202	10.5	233	11.8	1,601	12.0	1,709	13.0	2,738	11.9	2,885	12.8
Other diseases of arteries, arterioles, and capillaries	441-448	171	8.8	158	8.0	1,148	8.6	1,145	8.7	1,917	8.3	1,967	8.7

Acute bronchitis and bronchiolitis	466	1	0.1	-	-	30	0.2	44	0.3	48	0.2	60	0.3
Pneumonia and influenza	480-487	378	19.6	332	16.9	3,012	22.5	3,595	27.4	4,805	20.8	5,556	24.6
Pneumonia	480-486	376	19.5	331	16.8	2,951	22.0	3,292	25.1	4,730	20.5	5,200	23.0
Influenza	487	2	0.1	1	0.1	61	0.5	303	2.3	75	0.3	356	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	486	25.2	444	22.5	3,584	26.8	3,740	28.5	5,771	25.0	5,956	26.4
Bronchitis, chronic and unspecified	490-491	29	1.5	25	1.3	218	1.6	246	1.9	361	1.6	387	1.7
Emphysema	492	102	5.3	97	4.9	783	5.8	864	6.6	1,262	5.5	1,423	6.3
Asthma	493	25	1.3	27	1.4	178	1.3	184	1.4	306	1.3	278	1.2
Other chronic obstructive pulmonary diseases and allied conditions	494-496	330	17.1	295	15.0	2,405	18.0	2,446	18.7	3,842	16.7	3,868	17.1
Ulcer of stomach and duodenum	531-533	61	3.2	55	2.8	392	2.9	381	2.9	697	3.0	631	2.8
Appendicitis	540-543	4	0.2	7	0.4	30	0.2	41	0.3	57	0.2	69	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	40	2.1	48	2.4	280	2.1	284	2.2	478	2.1	513	2.3
Chronic liver disease and cirrhosis	571	221	11.4	250	12.7	1,581	11.8	1,745	13.3	2,757	12.0	3,021	13.4
Cholelithiasis and other disorders of gallbladder	574-575	31	1.6	28	1.4	179	1.3	179	1.4	292	1.3	299	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	153	7.9	139	7.1	1,072	8.0	1,019	7.8	1,789	7.8	1,691	7.5
Acute glomerulonephritis and nephrotic syndrome	580-581	3	0.2	1	0.1	21	0.2	13	0.1	36	0.2	27	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	17	0.9	17	0.9	105	0.8	106	0.8	172	0.7	190	0.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	133	6.9	121	6.1	946	7.1	900	6.9	1,581	6.9	1,474	6.5
Infections of kidney	590	17	0.9	23	1.2	129	1.0	143	1.1	227	1.0	250	1.1
Hyperplasia of prostate	600	2	0.1	5	0.3	33	0.2	28	0.2	58	0.3	73	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	4	0.2	3	0.2	17	0.1	17	0.1	34	0.1	29	0.1
Pregnancy with abortive outcome	630-638	-	-	1	0.1	4	0.0	3	0.0	6	0.0	5	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	4	0.2	2	0.1	13	0.1	14	0.1	28	0.1	24	0.1
Congenital anomalies	740-759	97	5.0	104	5.3	769	5.7	767	5.9	1,327	5.8	1,291	5.7
Certain conditions originating in the perinatal period	760-779	184	9.5	206	10.5	1,218	9.1	1,193	9.1	2,141	9.3	2,136	9.5
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	55	2.8	70	3.6	353	2.6	391	3.0	619	2.7	702	3.1
Other conditions originating in the perinatal period	760-766,770-779	129	6.7	136	6.9	865	6.5	802	6.1	1,522	6.6	1,434	6.3
Symptoms, signs, and ill-defined conditions	780-799	309	16.0	282	14.3	2,262	16.9	2,216	16.9	3,794	16.5	3,735	16.5
All other diseases	Residual	931	48.2	938	47.6	6,937	51.8	6,801	51.9	11,755	51.0	11,357	50.3
Accidents and adverse effects	E800-E949	883	45.7	953	48.4	5,425	40.5	5,811	44.4	9,548	41.4	10,160	45.0
Motor vehicle accidents	E810-E825	441	22.8	473	24.0	2,511	18.8	2,856	21.8	4,656	20.2	5,154	22.8
All other accidents and adverse effects	E800-E807,E826-E949	442	22.9	480	24.4	2,914	21.8	2,955	22.6	4,892	21.2	5,006	22.2
Suicide	E950-E959	228	11.8	236	12.0	1,573	11.7	1,520	11.6	2,661	11.5	2,596	11.5
Homicide and legal intervention	E960-E978	185	9.6	167	8.5	1,259	9.4	1,359	10.4	2,231	9.7	2,419	10.7
All other external causes	E980-E999	26	1.3	23	1.2	161	1.2	181	1.4	290	1.3	300	1.3

[1] Figures for Colorado are not included in the July sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, July 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with July 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)		July				January–July				12 months ending with July			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year		329	10.0	361	10.4	2,469	11.4	2,497	12.1	4,266	11.3	4,321	12.0
Under 28 days		242	7.3	267	7.6	1,670	7.7	1,632	7.9	2,909	7.7	2,906	8.1
28 days to 11 months		87	2.7	94	2.8	793	3.7	865	4.2	1,357	3.6	1,415	3.9
Certain gastrointestinal diseases	008,009,535,555-558	1	0.0	3	0.1	13	0.1	22	0.1	21	0.1	35	0.1
Pneumonia and influenza	480-487	8	0.2	3	0.1	50	0.2	45	0.2	76	0.2	76	0.2
Congenital anomalies	740-759	64	1.9	67	1.9	528	2.4	514	2.5	904	2.4	885	2.5
Disorders relating to short gestation and unspecified low birthweight	765	30	0.9	33	0.9	215	1.0	211	1.0	383	1.0	363	1.0
Birth trauma	767	5	0.2	10	0.3	38	0.2	60	0.3	65	0.2	98	0.3
Intrauterine hypoxia and birth asphyxia	768	13	0.4	16	0.5	88	0.4	90	0.4	141	0.4	160	0.4
Respiratory distress syndrome	769	37	1.1	44	1.3	226	1.0	239	1.1	412	1.1	440	1.2
Other conditions originating in the perinatal period	760-764,766,770,779	96	2.9	102	2.9	639	3.0	588	2.9	1,125	3.0	1,063	3.0
Sudden infant death syndrome	798.0	27	0.8	39	1.1	282	1.3	315	1.5	462	1.2	516	1.4
All other causes	Residual	48	1.5	44	1.3	390	1.8	413	2.0	677	1.8	685	1.9

[1] Figures for Colorado are not included in the July sample for 1982.

(Continued from page 3)

population of all other races (from 7.6 to 7.3). By age, the death rate was lower for ages under 1 year and for each age group 45-54 years and over.

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Pneumonia and influenza, Motor vehicle accidents, All other accidents and adverse effects, Chronic liver disease and cirrhosis, Atherosclerosis, and Homicide and legal intervention.

The 6-percent decrease in infant mortality (from 12.0 deaths per 1,000 live births for the 12 months ending with July 1981 to 11.3 for the 12 months ending with July 1982) reflects a 5-percent decrease in the rate for infants under 28 days and an 8-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.1 to 7.7 deaths per 1,000 live births, while the estimated rate for infants aged 28 days to 11 months decreased from 3.9 to 3.6 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000		0.6
50,000		0.4
100,000		0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

Vol. 31, No. 9 ● December 17, 1982

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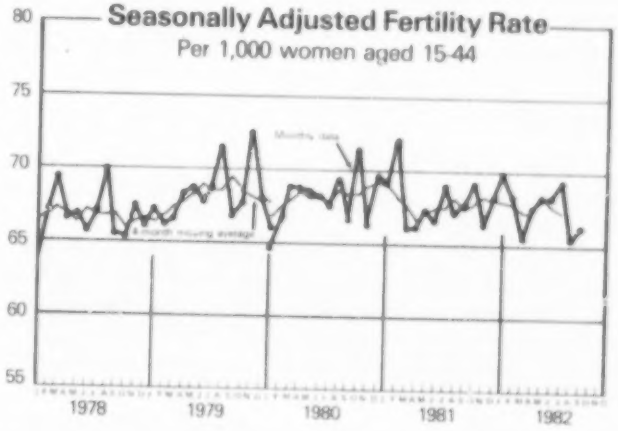
Births, Marriages, Divorces, and Deaths for September 1982

Births

There were an estimated 316,000 live births in the United States during September 1982, about 1 percent fewer than occurred during September 1981 (319,000). The birth rate was 16.6 live births per 1,000 population, 2 percent below the rate for September 1981 (16.9). The fertility rate was 70.2 live births per 1,000 women aged 15-44 years, about 2 percent below the rate of 71.9 for September 1981; the seasonally adjusted fertility rate was 65.9 almost 3 percent below the rate for September 1981 (67.6).

Provisional data for the first 9 months of 1982 indicate that there were 2,760,000 live births, about 1 percent more than estimated for the first 9 months of 1981 (2,727,000). The birth rate for the January through September 1982 period was 16.0, compared with 15.9 for the same period in 1981. The fertility rate was 67.7, virtually unchanged from the rate of 67.8 for the first 9 months of 1981.

During the 12-month period ending with September 1982 there were an estimated 3,679,000 live births, almost 1 percent more than the number estimated for the same period ending a year earlier (3,647,000). The birth rates for the 12-month periods ending with September 1981 and 1982 were identical, 15.9. The fertility rate for the 12-month period ending with September 1982 was 67.6, less than 1 percent below the rate of 67.9 for the comparable period ending with September 1981.



Provisional Vital Statistics for the United States

(Data are subject to monthly reporting variation; see Technical notes)

Item	September				January-September				12 months ending with September				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	316,000	319,000	16.6	16.9	2,760,000	2,727,000	16.0	15.9	3,679,000	3,647,000	15.9	15.9	15.8
Deaths	157,000	154,000	8.2	8.1	1,485,000	1,496,000	8.6	8.7	1,976,000	1,998,000	8.6	8.7	8.7
Natural increase	159,000	165,000	8.4	8.8	1,275,000	1,231,000	7.4	7.2	1,703,000	1,649,000	7.3	7.2	7.1
Marriages	238,000	216,000	12.5	11.4	1,903,000	1,863,000	11.0	10.9	2,479,000	2,434,000	10.7	10.6	10.6
Divorces	104,000	97,000	5.4	5.1	884,000	906,000	5.1	5.3	1,197,000	1,210,000	5.2	5.3	5.2
Infant deaths	3,400	3,500	10.9	11.0	31,000	32,000	11.3	11.6	41,800	43,300	11.4	11.9	12.7
Population base (in millions)	...	...	231.9	229.8	...	...	...	...	...	...	231.0	228.8	226.5

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

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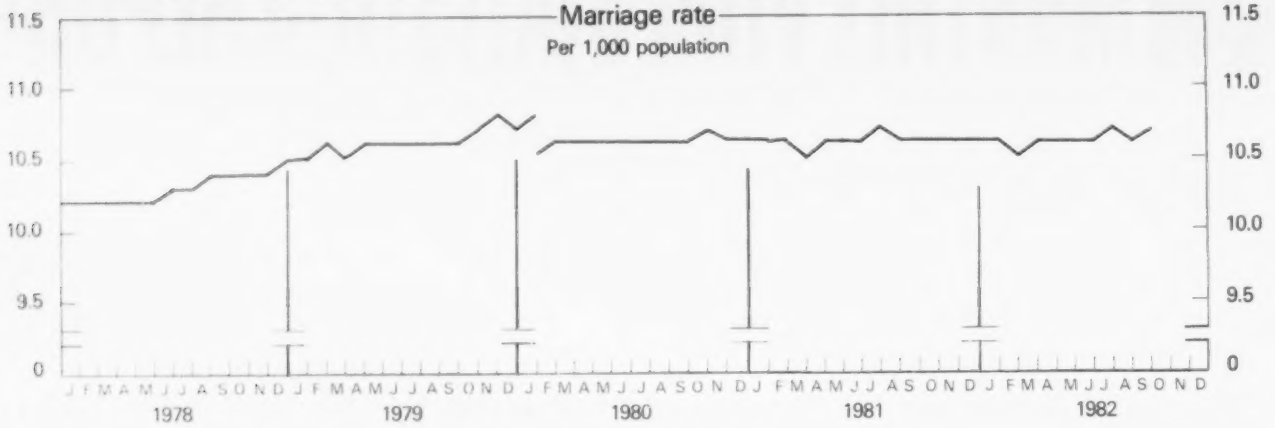
Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Natural Increase

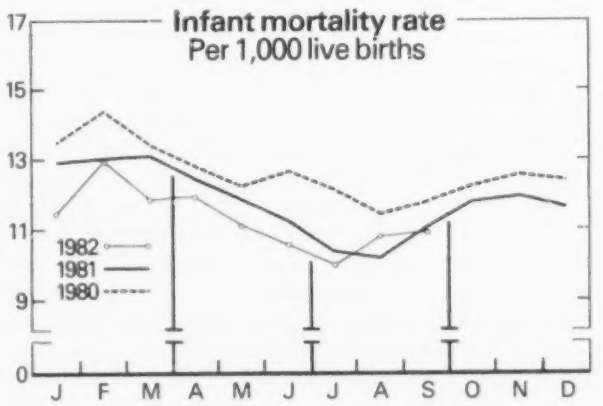
An estimated 159,000 persons were added to the population during September 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 9 months of 1982 was 7.4 persons per 1,000 population, almost 3 percent higher than the rate of 7.2 for January through September 1981. The increase in the birth rate as well as the decline in the death rate both contributed to the rise in the rate of natural increase.

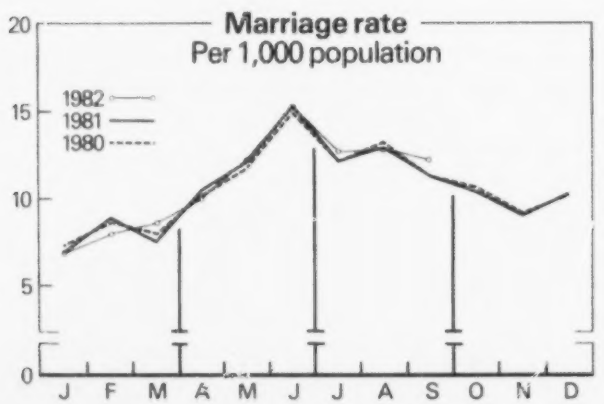
Marriages

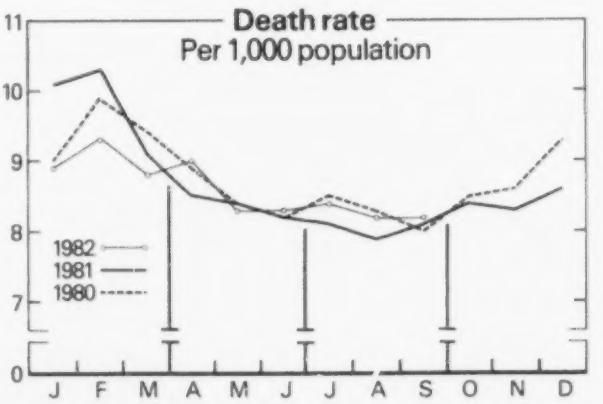
There were 238,000 marriages reported for September 1982, yielding a marriage rate of 12.5 per 1,000 population.

From January through September 1982 a total of 1,903,000 marriages occurred, 2 percent more than the total for the same period in 1981. The marriage rate for January through September 1982 was 11.0 per 1,000 population compared to 10.9 a year earlier.

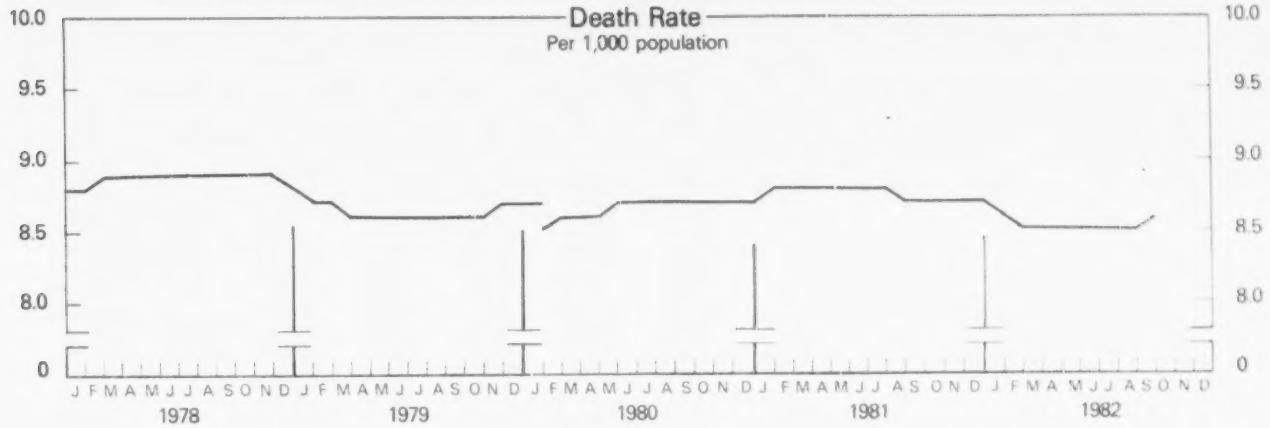
In the 12 months ending with September 1982, 2,479,000 marriages occurred, an increase of 45,000 (2 percent) over the 12 months ending with September 1981. The 12-month marriage rate was 10.7 per 1,000 population compared with 10.6 in September 1981.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

An estimated 104,000 divorces were granted in September 1982, and the rate was 5.4 per 1,000 population. The provisional divorce total for January through September 1982 was 884,000, down 22,000 from the total for the same period in 1981. The rate for January through September in 1982 was 5.1 per 1,000 population compared with 5.3 in 1981.

In the 12 months ending with September 1982 divorces totaled 1,197,000, which is a decline of 13,000 (1 percent) from the total for the 12 months ending with September 1981. The 12-month rate was 5.2 per 1,000 population in September 1982, 2 percent below the level in 1981.

Deaths

For September 1982 the provisional count of deaths totaled 157,000 amounting to a rate of 8.2 deaths per 1,000 population. This rate was 1 percent higher than the rate of 8.1 for September 1981. Among the 157,000 deaths for September 1982 were 3,400 deaths at ages under 1 year, yielding an infant mortality rate of 10.9 deaths per 1,000 live births. This rate was 1 percent lower than the infant mortality rate of 11.0 for September 1981.

The provisional death rate for the 12 months ending with August 1982 (8.5 deaths per 1,000 population) was 2 percent lower than the rate for the 12 months ending with August 1981 (8.7). The estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.8 to 7.7), 2 percent for the white population (from 8.9 to 8.7), and 4 percent for the population of all other races (from 7.6 to 7.3). By age, the death rate was lower for each age group 35-44 years and over.

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, September 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	September		January-September			September		January-September		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	12,894	[a]14,028	117,738	[a]121,676	[a]119,372	10,474	[a]10,281	76,605	[a]79,514	[a]82,277
Maine	1,544	1,351	12,172	12,558	12,090	1,285	1,228	9,635	9,846	11,115
New Hampshire	1,429	[a]1,418	10,584	[a]10,021	[a]10,543	1,260	[a]1,349	7,588	[a]7,538	[a]7,283
Vermont	689	667	5,708	5,700	5,746	659	613	4,297	3,924	3,787
Massachusetts	6,011	6,196	57,424	57,201	56,148	3,279	3,129	28,691	33,013	34,940
Rhode Island	1,141	1,122	9,786	9,616	9,407	987	920	6,136	5,868	5,410
Connecticut	2,080	3,274	22,064	26,580	[a]25,438	3,004	[a]3,042	20,258	[a]19,325	[a]19,742
Middle Atlantic	43,435	42,508	383,536	372,605	359,654	33,444	29,909	238,129	224,782	217,109
New York[1]	20,142	20,202	188,836	182,303	173,540	15,872	14,177	122,101	113,089	104,178
New Jersey	8,424	7,810	71,886	69,256	67,221	6,818	6,413	45,900	43,737	41,488
Pennsylvania	14,869	14,496	122,814	121,046	118,893	10,754	8,419	70,128	67,956	71,443
East North Central	55,466	56,318	481,254	491,385	[a]498,436	40,023	39,345	291,982	297,630	[a]305,700
Ohio	14,531	14,718	122,496	127,902	126,398	10,843	9,739	78,436	74,885	76,258
Indiana	6,986	7,484	62,263	63,470	66,169	5,197	5,268	43,341	43,328	45,191
Illinois	16,192	15,591	134,994	136,348	140,092	11,230	11,271	81,705	82,816	83,251
Michigan	11,614	12,225	103,325	106,166	107,660	7,802	8,460	56,387	63,235	67,639
Wisconsin	6,143	6,300	58,176	57,499	[a]58,117	4,951	4,607	32,113	33,366	[a]33,361
West North Central	25,769	25,003	214,675	215,317	[a]216,684	16,929	16,850	136,704	136,625	[a]134,445
Minnesota	5,717	5,781	50,496	51,960	[a]51,183	4,821	4,212	29,616	29,651	[a]29,176
Iowa	4,036	4,087	34,335	35,221	35,992	2,764	2,548	21,260	21,184	21,407
Missouri	7,686	7,303	59,459	59,581	59,745	4,190	4,981	42,146	42,602	41,613
North Dakota	1,144	1,165	10,217	10,183	9,747	573	655	4,870	4,837	4,681
South Dakota	1,146	1,128	9,646	9,584	9,674	785	865	6,609	6,873	7,009
Nebraska	2,475	2,105	20,523	20,239	20,906	1,349	1,129	11,507	11,463	11,109
Kansas	3,565	3,434	29,999	29,849	29,437	2,447	2,460	20,696	20,015	19,450
South Atlantic	50,767	51,431	421,153	410,290	406,086	38,616	35,119	329,969	320,676	314,918
Delaware	774	803	7,039	6,981	7,193	561	470	3,571	3,451	3,292
Maryland	4,768	4,825	42,637	40,341	38,572	4,484	4,661	36,223	35,658	34,928
District of Columbia	1,659	1,567	14,030	13,185	13,259	577	550	4,472	4,156	3,978
Virginia	6,511	6,683	58,598	57,271	56,388	5,557	5,384	47,559	46,997	46,197
West Virginia	2,780	2,542	21,465	21,779	23,081	1,494	1,450	12,710	12,748	13,326
North Carolina	7,785	7,652	64,884	63,186	63,712	4,459	4,161	39,368	36,741	35,582
South Carolina	4,389	4,451	37,017	37,110	37,181	4,492	4,201	40,749	41,456	41,295
Georgia	8,830	9,891	68,768	69,449	70,034	6,554	5,490	56,433	53,897	52,786
Florida	13,271	13,017	106,715	100,988	96,666	10,438	8,752	88,884	85,572	83,534
East South Central	21,021	22,041	176,059	177,786	[a]182,475	15,764	[a]14,019	128,546	[a]129,359	129,440
Kentucky	5,283	5,228	43,300	43,953	45,954	3,948	[a]2,959	26,239	[a]26,344	26,423
Tennessee	5,987	7,106	53,345	53,875	54,713	5,494	4,958	44,709	45,047	44,278
Alabama	5,393	5,196	45,364	45,967	[a]46,331	4,155	3,988	36,474	37,142	37,346
Mississippi	4,358	4,511	34,050	33,991	35,477	2,167	2,114	21,124	20,826	21,393
West South Central	40,681	40,085	351,518	328,500	315,303	30,520	28,128	245,798	233,018	222,347
Arkansas	3,318	3,286	25,029	26,451	27,906	2,296	2,345	21,307	20,186	18,993
Louisiana	7,858	7,676	63,865	60,780	58,973	3,299	3,057	32,701	33,684	32,465
Oklahoma	4,447	5,015	40,773	38,873	37,623	3,686	3,736	36,752	35,909	35,156
Texas	25,058	24,108	221,851	202,396	190,801	21,239	18,990	155,038	143,239	135,733
Mountain	19,394	19,976	174,528	173,681	169,136	[2]11,494	[2]12,686	[2]100,199	[2]103,038	[a]188,344
Montana	1,222	1,169	10,804	10,532	10,554	900	918	6,480	6,459	6,452
Idaho	1,860	1,729	14,555	14,750	14,739	1,330	1,204	10,748	11,037	9,908
Wyoming	891	903	7,480	7,870	6,934	652	652	5,164	5,315	4,998
Colorado	4,454	4,552	41,073	39,084	37,571	3,521	4,432	27,543	29,196	26,569
New Mexico[3]	1,715	2,808	18,883	21,683	19,536	1,452	1,342	13,394	12,923	12,503
Arizona[4]	4,864	4,296	39,034	37,572	36,746	2,016	2,436	22,248	23,941	[a]22,703
Utah	3,187	3,462	33,016	31,922	33,192	1,623	1,702	14,622	14,167	13,411
Nevada	1,201	1,057	9,683	10,268	9,864	---	---	---	---	[a]91,800
Pacific	46,128	50,474	407,482	420,101	398,487	34,173	28,035	247,742	231,626	233,757
Washington	2,746	5,591	42,339	54,742	50,497	6,579	5,055	36,009	37,810	34,986
Oregon	3,464	3,781	32,200	33,741	33,322	3,107	2,308	18,571	17,639	17,803
California	[5]37,259	[5]38,674	310,783	310,631	293,919	[6]22,836	19,206	[6]178,384	162,442	167,947
Alaska	1,005	876	8,143	7,460	7,042	641	488	4,674	4,341	3,906
Hawaii	1,654	1,552	14,017	13,527	13,707	1,010	978	10,104	9,394	9,115
New York City[3]	9,489	9,532	84,364	80,523	79,415	6,204	6,283	53,228	48,971	46,332
Puerto Rico	5,403	6,265	43,075	46,462	---	2,022	2,043	19,828	21,367	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 5-week reporting period.
[6] Includes estimates for some counties.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, September 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	September		January-September			September		January-September		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	11,550	7,952	85,326	82,594	85,820	222	94	1,365	1,101	[a]1,275
Maine	983	899	7,613	7,812	8,139	4	15	113	108	105
New Hampshire	576	580	5,601	5,680	5,658	8	7	96	81	[a]89
Vermont	312	352	3,346	3,359	3,225	6	6	42	46	46
Massachusetts	6,909	3,318	43,246	39,562	42,258	163	28	715	501	663
Rhode Island	624	716	6,727	7,020	6,961	10	13	111	125	114
Connecticut	2,146	2,087	18,793	19,161	19,579	31	25	288	240	258
Middle Atlantic	27,209	[a]27,005	262,398	[a]265,749	262,654	419	[a]494	4,283	[a]4,524	4,815
New York[1]	12,757	12,375	125,074	126,879	124,282	259	244	2,391	2,321	2,414
New Jersey	5,304	[a]4,950	48,839	[a]49,892	47,491	52	[a]87	762	[a]794	812
Pennsylvania	9,148	9,680	88,485	88,978	90,881	108	163	1,130	1,409	1,589
East North Central	28,290	28,865	265,730	269,572	[a]268,781	582	641	5,375	5,832	[a]6,119
Ohio	7,638	7,624	70,047	73,392	72,854	126	161	1,313	1,435	1,506
Indiana	3,900	4,187	35,068	35,971	35,159	75	103	694	741	767
Illinois	7,639	7,750	73,018	73,574	[a]74,279	186	181	1,783	1,822	[a]2,000
Michigan	6,070	5,949	55,859	56,046	55,035	143	152	1,192	1,381	1,335
Wisconsin	3,043	3,355	31,738	30,589	[a]31,454	52	44	393	453	[a]511
West North Central	12,244	12,031	117,700	117,077	[a]118,147	239	218	2,229	2,404	[a]2,481
Minnesota	2,678	2,542	24,812	23,734	[a]24,484	50	60	460	522	[a]474
Iowa	2,061	2,130	19,962	20,145	19,848	33	34	290	324	413
Missouri	3,573	3,726	36,740	37,584	37,436	75	51	749	850	841
North Dakota	497	439	4,266	4,281	4,376	19	15	129	137	122
South Dakota	520	474	4,894	4,687	4,901	15	14	84	93	88
Nebraska	1,265	1,021	11,030	10,763	10,929	20	16	222	194	246
Kansas	1,650	1,699	15,996	15,883	16,173	27	28	295	284	297
South Atlantic	26,429	25,524	250,516	256,431	248,301	653	560	5,410	5,669	[a]5,875
Delaware	362	384	3,843	3,840	3,805	7	2	73	78	90
Maryland	2,556	2,598	24,715	24,950	24,452	53	42	442	427	[a]462
District of Columbia	698	681	6,171	6,691	6,653	44	28	291	344	391
Virginia	3,246	3,152	30,786	30,917	31,220	87	82	691	707	732
West Virginia	1,523	1,469	14,306	14,718	14,404	23	31	221	288	304
North Carolina	3,851	3,843	36,463	37,266	36,483	104	94	885	850	950
South Carolina	2,013	1,939	18,064	18,348	18,048	78	62	569	575	550
Georgia	4,008	3,325	34,386	36,249	33,398	94	91	872	1,035	968
Florida	8,172	8,133	81,782	83,452	79,838	163	128	1,366	1,365	1,428
East South Central	10,595	10,730	100,923	102,731	101,347	288	281	2,425	2,414	2,566
Kentucky	2,467	2,822	24,798	25,661	25,205	50	55	501	490	525
Tennessee	3,605	3,326	32,464	32,605	32,118	83	92	741	786	772
Alabama	2,734	2,724	26,496	26,951	26,779	83	66	664	640	692
Mississippi	1,789	1,858	17,165	17,513	17,245	72	68	519	498	577
West South Central	15,345	15,894	151,038	150,194	148,163	401	560	4,043	4,163	4,079
Arkansas	1,893	1,769	16,801	16,753	17,062	19	35	243	294	336
Louisiana	2,809	3,044	27,388	27,696	27,089	85	83	830	814	928
Oklahoma	2,080	2,240	21,476	20,925	21,602	62	67	452	455	382
Texas	8,563	8,841	85,393	84,820	82,410	235	375	2,518	2,600	2,433
Mountain	6,353	6,212	62,370	62,041	60,311	194	175	1,763	1,764	1,885
Montana	540	552	4,861	5,017	4,962	9	12	72	95	102
Idaho	538	523	4,932	4,928	4,724	14	7	126	102	103
Wyoming	240	252	2,267	2,197	2,248	10	3	43	50	47
Colorado	1,607	1,496	15,203	14,845	14,347	47	37	427	425	431
New Mexico	513	620	6,051	6,717	6,730	19	15	176	191	215
Arizona	1,758	1,678	17,312	17,175	16,420	41	59	430	482	514
Utah	674	648	6,778	6,344	6,292	42	30	377	311	364
Nevada	483	443	4,966	4,818	4,588	12	12	112	108	109
Pacific	20,806	21,922	188,773	190,071	189,061	464	492	4,272	4,292	[a]4,660
Washington	2,369	2,490	24,102	25,680	24,035	36	36	468	427	565
Oregon	1,684	1,643	16,077	16,461	16,341	22	43	351	381	420
California	[2]16,156	[2]17,228	143,124	142,586	143,444	[2]378	[2]391	3,224	3,237	[a]3,445
Alaska	168	142	1,306	1,365	1,264	9	7	91	98	89
Hawaii	429	419	4,164	3,979	3,977	19	15	138	149	[a]141
New York City	5,840	5,705	54,478	54,787	56,417	143	136	1,295	1,267	1,266
Puerto Rico	1,524	1,611	13,797	13,975	...	88	124	750	824	...

[1] Includes figures shown below for New York City.
[2] Figure is for a 5-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, September 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	September		January-September		
	1982	1981	1982	1981	1980
Total, 49 areas	98,228	[a]92,288	837,378	[a]860,740	[a]830,399
Alabama	1,723	2,211	18,872	20,818	20,315
Alaska	319	268	2,800	2,831	2,592
Arizona	1,651	1,807	15,329	15,511	[a]14,786
Arkansas	1,619	1,473	12,114	13,866	16,315
California	15,850	[a]9,098	103,929	[a]96,288	[a]100,028
Colorado	1,715	1,135	12,610	13,542	13,309
Connecticut	755	933	7,990	9,003	8,154
Delaware	376	213	2,377	1,755	1,679
District of Columbia	239	241	2,617	2,848	2,602
Florida	5,854	6,128	53,838	56,526	52,959
Georgia	3,364	2,211	26,172	26,685	25,351
Hawaii	269	339	3,135	3,136	3,348
Idaho	498	586	4,788	4,963	4,916
Illinois	4,177	4,769	37,116	39,589	36,371
Iowa	811	958	8,035	8,990	8,600
Kansas	1,178	1,201	9,657	11,044	9,865
Kentucky	1,477	1,549	12,289	13,225	[a]12,896
Maine	412	540	4,343	4,766	4,544
Maryland	1,132	1,294	11,067	11,664	11,983
Massachusetts	1,867	971	16,696	15,062	12,521
Michigan	3,164	2,173	27,840	32,923	31,761
Minnesota	1,367	1,343	10,775	11,934	[a]11,130
Mississippi	1,178	1,347	9,821	10,178	10,476
Missouri	1,765	2,272	20,193	20,688	20,810
Montana	420	465	3,468	3,781	3,682
Nebraska	581	600	4,898	5,093	4,859
Nevada	1,205	1,167	9,026	8,784	10,243
New Hampshire	394	[a]625	3,789	[a]3,917	[a]3,838
New Jersey	1,841	[a]2,453	21,734	[a]21,652	18,076
New Mexico[1]	717	865	7,332	8,043	8,025
New York	4,820	4,492	46,827	47,451	41,906
North Carolina	2,522	2,584	22,234	22,258	21,007
North Dakota	192	203	1,670	1,700	1,587
Ohio	4,638	4,433	40,273	43,729	43,023
Oklahoma	2,086	2,012	18,173	19,219	18,229
Oregon	1,707	1,433	12,499	13,323	13,254
Pennsylvania	3,257	3,437	28,660	28,052	27,430
Rhode Island	393	308	2,693	2,660	2,780
South Carolina	1,247	1,250	10,363	10,467	10,332
South Dakota	205	207	1,948	2,065	2,102
Tennessee	2,755	2,560	22,478	23,862	21,845
Texas	8,602	9,702	75,647	74,063	71,667
Utah	666	728	6,136	6,061	5,873
Vermont	101	86	1,778	1,653	1,835
Virginia	2,325	2,261	18,672	18,231	17,282
Washington	1,945	2,549	20,350	22,002	20,293
West Virginia	819	1,047	7,706	8,239	7,567
Wisconsin	1,693	1,405	11,720	13,514	13,515
Wyoming	337	356	2,931	3,086	2,838

[1] Figures include estimates for some counties.

[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, September 1981 September 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981:								
September	319,000	16.9	[a]71.9	[a]67.6	216,000	11.4	[a]48.7	43.3
October	321,000	16.4	69.8	68.9	204,000	10.4	44.3	45.7
November	291,000	15.4	65.4	66.2	172,000	9.1	38.7	42.6
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982:								
January	[a]312,000	[a]16.0	[a]67.8	[a]69.6	[a]133,000	[a]6.8	[a]28.9	[a]43.6
February	[a]282,000	[a]15.9	[a]67.7	[a]68.3	[a]141,000	[a]8.0	[a]33.9	[a]44.2
March	297,000	[a]15.2	[a]64.4	[a]65.5	168,000	8.6	36.4	44.6
April	287,000	15.1	[a]64.0	[a]67.5	191,000	10.0	42.6	44.7
May	304,000	15.5	65.7	[a]68.1	239,000	12.2	51.7	49.1
June	[a]301,000	[a]15.9	[a]67.2	[a]68.2	290,000	15.3	64.8	46.2
July	338,000	17.2	72.8	69.3	250,000	12.7	53.8	46.2
August	322,000	16.4	69.3	65.3	252,000	12.8	54.2	43.6
September	316,000	16.6	70.2	65.9	238,000	12.5	52.9	47.1

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.

[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, August 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with August 1981 and 1982

(Rates on an annual basis per 1,000 estimated population for specified group)

Age, race, and sex	August				January-August				12 months ending with August			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	15,426	8.2	15,817	7.9	132,150	8.6	132,918	8.8	196,429	8.5	198,148	8.7
Male	8,303	9.1	8,608	8.9	70,883	9.5	71,718	9.8	105,446	9.4	107,224	9.7
Female	7,123	7.3	7,209	7.0	61,267	7.8	61,200	7.9	90,983	7.7	90,924	7.8
White	13,388	8.3	13,865	8.1	115,642	8.8	116,434	9.0	171,877	8.7	173,413	8.9
Male	7,106	9.0	7,524	9.0	61,517	9.6	62,501	9.9	91,537	9.5	93,303	9.8
Female	6,282	7.6	6,341	7.2	54,125	8.1	53,933	8.1	80,340	7.9	80,110	8.0
All other	2,038	7.4	1,952	6.8	16,508	7.4	16,484	7.6	24,552	7.3	24,735	7.6
Male	1,197	9.2	1,084	7.9	9,366	8.9	9,217	8.9	13,909	8.7	13,921	9.0
Female	841	5.8	868	5.8	7,142	6.1	7,267	6.4	10,643	6.1	10,814	6.3
Black	1,842	8.2	...	...	15,161	8.3	...	...	...	...	...	...
Male	1,069	10.0	...	...	8,547	10.0	...	...	...	...	...	...
Female	773	6.5	...	...	6,614	6.9	...	...	...	...	...	...
Under 1 year	317	10.7	330	10.6	2,788	11.5	2,827	11.9	4,255	11.7	4,291	12.0
1-14 years	136	0.4	144	0.3	1,170	0.4	1,268	0.4	1,741	0.4	1,863	0.4
15-24 years	400	1.2	417	1.1	2,880	1.0	2,997	1.1	4,305	1.0	4,578	1.1
25-34 years	443	1.4	467	1.4	3,330	1.3	3,450	1.4	5,103	1.3	5,102	1.3
35-44 years	512	2.2	518	2.2	3,881	2.1	4,009	2.3	5,835	2.1	5,943	2.3
45-54 years	1,030	5.6	1,079	5.5	8,365	5.6	8,827	5.9	12,478	5.6	13,277	5.9
55-64 years	2,313	12.8	2,432	12.8	19,052	13.0	19,602	13.6	28,557	12.9	29,264	13.5
65-74 years	3,498	26.6	3,647	26.4	31,040	29.1	31,277	30.0	46,128	28.7	46,507	29.6
75-84 years	3,923	58.4	3,954	56.9	34,835	64.2	34,424	65.8	51,400	62.8	51,300	65.0
85 years and over	2,849	140.6	2,822	136.6	24,757	151.7	24,186	156.6	36,526	148.2	35,931	153.8
Not stated	5	...	7	...	52	...	51	...	101	...	89	...

[1] Figures for Colorado and Iowa are not included in the August sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, August 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with August 1981 and 1982

(Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes)

Cause of death (Ninth Revision International Classification of Diseases, 1975)		August				January-August				12 months ending with August			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		15,426	816.4	15,817	792.7	132,150	863.7	132,918	880.9	196,429	854.9	198,148	872.4
Shigellosis and amebiasis	004,006	-	-	-	-	2	0.0	-	-	5	0.0	-	-
Certain other intestinal infections	007-009	2	0.1	3	0.2	20	0.1	25	0.2	34	0.1	36	0.2
Tuberculosis	010-018	14	0.7	9	0.5	128	0.8	121	0.8	185	0.8	191	0.8
Tuberculosis of respiratory system	010-012	12	0.6	8	0.4	109	0.7	102	0.7	157	0.7	167	0.7
Other tuberculosis	013-018	2	0.1	1	0.1	19	0.1	19	0.1	28	0.1	24	0.1
Whooping cough	033	-	-	1	0.1	-	-	1	0.0	-	-	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	1	0.1	4	0.2	28	0.2	45	0.3	43	0.2	57	0.3
Septicemia	038	101	5.3	87	4.4	715	4.7	662	4.4	1,059	4.6	988	4.4
Acute poliomyelitis	045	1	0.1	-	-	3	0.0	2	0.0	4	0.0	3	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	1	0.0
Viral hepatitis	070	9	0.5	9	0.5	56	0.4	55	0.4	77	0.3	89	0.4
Syphilis	090-097	1	0.1	1	0.1	5	0.0	12	0.1	12	0.1	19	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	25	1.3	33	1.7	256	1.7	278	1.8	387	1.7	404	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,637	192.5	3,615	181.2	28,893	188.8	28,003	185.6	42,839	186.5	41,851	184.3
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	74	3.9	71	3.6	580	3.8	570	3.8	825	3.6	858	3.8
Malignant neoplasms of digestive organs and peritoneum	150-159	953	50.4	970	48.6	7,417	48.5	7,357	48.8	11,068	48.2	11,032	48.6
Malignant neoplasms of respiratory and intrathoracic organs	160-165	964	51.0	983	49.3	7,594	49.6	7,439	49.3	11,276	49.1	11,029	48.6
Malignant neoplasm of breast	174-175	312	16.5	286	14.3	2,507	16.4	2,376	15.7	3,787	16.5	3,542	15.6
Malignant neoplasms of genital organs	179-187	400	21.2	388	19.4	3,174	20.7	2,991	19.8	4,744	20.6	4,501	19.8
Malignant neoplasms of urinary organs	188-189	153	8.1	142	7.1	1,255	8.2	1,186	7.9	1,827	8.0	1,771	7.8
Malignant neoplasms of all other and unspecified sites	170-173,190-199	462	24.5	442	22.2	3,771	24.6	3,600	23.9	5,504	24.0	5,372	23.7
Leukemia	204-208	139	7.4	129	6.5	1,101	7.2	1,035	6.9	1,619	7.0	1,588	7.0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	180	9.5	204	10.2	1,494	9.8	1,449	9.6	2,189	9.5	2,158	9.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	59	3.1	53	2.7	512	3.3	465	3.1	730	3.2	664	2.9
Diabetes mellitus	250	274	14.5	279	14.0	2,199	14.4	2,293	15.2	3,347	14.6	3,451	15.2
Nutritional deficiencies	260-269	18	1.0	23	1.2	175	1.1	138	0.9	238	1.0	224	1.0
Anemias	280-285	18	1.0	32	1.6	207	1.4	231	1.5	327	1.4	343	1.5
Meningitis	320-322	11	0.6	10	0.5	90	0.6	86	0.6	130	0.6	123	0.5
Major cardiovascular diseases	390-448	7,189	380.5	7,517	376.7	64,791	423.5	65,295	432.7	96,272	419.0	97,546	429.5
Diseases of heart	390-398,402,404-429	5,647	298.9	5,815	291.4	50,563	330.5	50,571	335.1	75,025	326.5	75,385	331.9
Rheumatic fever and rheumatic heart disease	390-398	62	3.3	55	2.8	463	3.0	532	3.5	697	3.0	795	3.5
Hypertensive heart disease	402	150	7.9	153	7.7	1,378	9.0	1,371	9.1	2,075	9.0	2,061	9.1
Hypertensive heart and renal disease	404	21	1.1	20	1.0	190	1.2	199	1.3	293	1.3	294	1.3
Ischemic heart disease	410-414	4,128	218.5	4,285	214.8	37,014	241.9	37,361	247.6	54,980	239.3	55,718	245.3
Acute myocardial infarction	410	2,148	113.7	2,297	115.1	19,330	126.3	19,478	129.1	28,793	125.3	29,323	129.1
Other acute and subacute forms of ischemic heart disease	411	30	1.6	33	1.7	322	2.1	282	1.9	472	2.1	429	1.9
Angina pectoris	413	-	-	3	0.2	25	0.2	32	0.2	38	0.2	45	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	1,950	103.2	1,952	97.8	17,337	113.3	17,569	116.4	25,677	111.8	25,921	114.1
Other diseases of endocardium	424	52	2.8	54	2.7	503	3.3	480	3.2	709	3.1	698	3.1
All other forms of heart disease	415-423,425-429	1,234	65.3	1,248	62.5	11,015	72.0	10,628	70.4	16,271	70.8	15,819	69.6
Hypertension with or without renal disease	401,403	53	2.8	61	3.1	509	3.3	543	3.6	743	3.2	782	3.4
Cerebrovascular diseases	430-438	1,169	61.9	1,265	63.4	10,646	69.6	10,951	72.6	15,901	69.2	16,509	72.7
Intracerebral and other intracranial hemorrhage	431-432	128	6.8	157	7.9	1,333	8.7	1,341	8.9	1,994	8.7	1,966	8.7
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	199	10.5	246	12.3	1,929	12.6	2,062	13.7	2,941	12.8	3,187	14.0
Cerebral embolism	434.1	7	0.4	9	0.5	52	0.3	39	0.3	87	0.4	58	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	835	44.2	853	42.8	7,332	47.9	7,509	49.8	10,879	47.3	11,298	49.7
Atherosclerosis	440	174	9.2	237	11.9	1,777	11.6	1,946	12.9	2,677	11.7	2,912	12.8
Other diseases of arteries, arterioles, and capillaries	441-448	146	7.7	139	7.0	1,296	8.5	1,284	8.5	1,926	8.4	1,958	8.6

Acute bronchitis and bronchiolitis	466	2	0.1	3	0.2	32	0.2	47	0.3	47	0.2	57	0.3
Pneumonia and influenza	480-487	331	17.5	299	15.0	3,353	21.9	3,894	25.8	4,847	21.1	5,516	24.3
Pneumonia	480-486	330	17.5	298	14.9	3,291	21.5	3,590	23.8	4,772	20.8	5,160	22.7
Influenza	487	1	0.1	1	0.1	62	0.4	304	2.0	75	0.3	356	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	429	22.7	436	21.9	4,018	26.3	4,176	27.7	5,769	25.1	6,009	26.5
Bronchitis, chronic and unspecified	490-491	19	1.0	27	1.4	237	1.5	273	1.8	353	1.5	394	1.7
Emphysema	492	89	4.7	82	4.1	873	5.7	946	6.3	1,270	5.5	1,415	6.2
Asthma	493	19	1.0	30	1.5	198	1.3	214	1.4	296	1.3	287	1.3
Other chronic obstructive pulmonary diseases and allied conditions	494-496	302	16.0	297	14.9	2,710	17.7	2,743	18.2	3,850	16.8	3,913	17.2
Ulcer of stomach and duodenum	531-533	59	3.1	53	2.7	452	3.0	434	2.9	704	3.1	646	2.8
Appendicitis	540-543	5	0.3	6	0.3	35	0.2	47	0.3	56	0.2	71	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	40	2.1	42	2.1	326	2.1	326	2.2	476	2.1	508	2.2
Chronic liver disease and cirrhosis	571	196	10.4	222	11.1	1,783	11.7	1,967	13.0	2,737	11.9	2,996	13.2
Cholelithiasis and other disorders of gallbladder	574-575	20	1.1	21	1.1	199	1.3	200	1.3	291	1.3	298	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	147	7.8	141	7.1	1,220	8.0	1,160	7.7	1,796	7.8	1,704	7.5
Acute glomerulonephritis and nephrotic syndrome	580-581	-	-	3	0.2	21	0.1	16	0.1	33	0.1	30	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	14	0.7	11	0.6	119	0.8	117	0.8	175	0.8	193	0.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	133	7.0	127	6.4	1,080	7.1	1,027	6.8	1,588	6.9	1,481	6.5
Infections of kidney	590	13	0.7	21	1.1	142	0.9	164	1.1	219	1.0	256	1.1
Hyperplasia of prostate	600	2	0.1	5	0.3	35	0.2	33	0.2	55	0.2	67	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	6	0.3	4	0.2	23	0.2	21	0.1	36	0.2	31	0.1
Pregnancy with abortive outcome	630-638	2	0.1	-	-	6	0.0	3	0.0	8	0.0	4	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	4	0.2	4	0.2	17	0.1	18	0.1	28	0.1	27	0.1
Congenital anomalies	740-759	92	4.9	108	5.4	861	5.6	875	5.8	1,311	5.7	1,299	5.7
Certain conditions originating in the perinatal period	760-779	175	9.3	203	10.2	1,394	9.1	1,396	9.3	2,114	9.2	2,148	9.5
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	55	2.9	60	3.0	408	2.7	451	3.0	614	2.7	709	3.1
Other conditions originating in the perinatal period	760-766,770-779	120	6.4	143	7.2	986	6.4	945	6.3	1,500	6.5	1,439	6.3
Symptoms, signs, and ill-defined conditions	780-799	321	17.0	302	15.1	2,584	16.9	2,518	16.7	3,814	16.6	3,740	16.5
All other diseases	Residual	950	50.3	941	47.2	7,896	51.6	7,742	51.3	11,773	51.2	11,419	50.3
Accidents and adverse effects	E800-E949	850	45.0	907	45.5	6,286	41.1	6,718	44.5	9,502	41.4	10,104	44.5
Motor vehicle accidents	E810-E825	393	20.8	485	24.3	2,907	19.0	3,341	22.1	4,567	19.9	5,159	22.7
All other accidents and adverse effects	E800-E807,E826-E949	457	24.2	422	21.1	3,379	22.1	3,377	22.4	4,935	21.5	4,945	21.8
Suicide	E950-E959	221	11.7	212	10.6	1,799	11.8	1,732	11.5	2,675	11.6	2,593	11.4
Homicide and legal intervention	E960-E978	188	9.9	190	9.5	1,448	9.5	1,549	10.3	2,230	9.7	2,389	10.5
All other external causes	E980-E999	19	1.0	25	1.3	180	1.2	206	1.4	284	1.2	305	1.3

[1] Figures for Colorado and Iowa are not included in the August sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, August 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with August 1981 and 1982

(Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes)

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	August				January–August				12 months ending with August			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	317	10.8	330	10.2	2,788	11.3	2,827	11.8	4,255	11.4	4,291	11.9
Under 28 days	226	7.7	257	7.9	1,898	7.7	1,889	7.9	2,880	7.7	2,903	8.1
28 days to 11 months	89	3.1	73	2.4	890	3.6	938	3.9	1,375	3.7	1,388	3.9
Certain gastrointestinal diseases (008-009,535,555-558)	2	0.1	2	0.1	15	0.1	24	0.1	21	0.1	36	0.1
Pneumonia and influenza (480-487)	5	0.2	7	0.2	55	0.2	52	0.2	74	0.2	74	0.2
Congenital anomalies (740-759)	64	2.2	63	2.0	592	2.4	577	2.4	905	2.4	874	2.4
Disorders relating to short gestation and unspecified low birthweight (765)	36	1.2	38	1.2	251	1.0	249	1.0	381	1.0	376	1.0
Birth trauma (767)	4	0.1	4	0.1	42	0.2	64	0.3	65	0.2	96	0.3
Intrauterine hypoxia and birth asphyxia (768)	12	0.4	12	0.4	100	0.4	102	0.4	141	0.4	162	0.4
Respiratory distress syndrome (769)	39	1.3	44	1.3	265	1.1	283	1.2	407	1.1	447	1.2
Other conditions originating in the perinatal period (760-764,766,770-779)	84	2.9	104	3.2	724	2.9	692	2.9	1,106	3.0	1,055	2.9
Sudden infant death syndrome (798.0)	21	0.7	19	0.6	303	1.2	334	1.4	464	1.2	503	1.4
All other causes (Residual)	50	1.7	37	1.2	441	1.8	450	1.9	691	1.8	668	1.9

[1] Figures for Colorado and Iowa are not included in the August sample for 1982.

(Continued from page 3)

The estimated death rate decreased between the two successive 12-month periods for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Pneumonia and influenza, Motor vehicle accidents, Chronic liver disease and cirrhosis, Atherosclerosis, and Homicide and legal intervention. The estimated death rate increased between the two successive 12-month periods for Malignant neoplasms of genital organs, Malignant neoplasm of breast, and Ulcer of stomach and duodenum.

The decrease in infant mortality (from 11.9 deaths per 1,000 live births for the 12 months ending with August 1981 to 11.4 for the 12 months ending with August 1982) reflects a 5-percent decrease in the rate for infants under 28 days and a 5-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.1 to 7.7 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 3.9 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	....	0.6
50,000	....	0.4
100,000	....	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

- - -	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

Vol. 31, No. 10 • January 17, 1983

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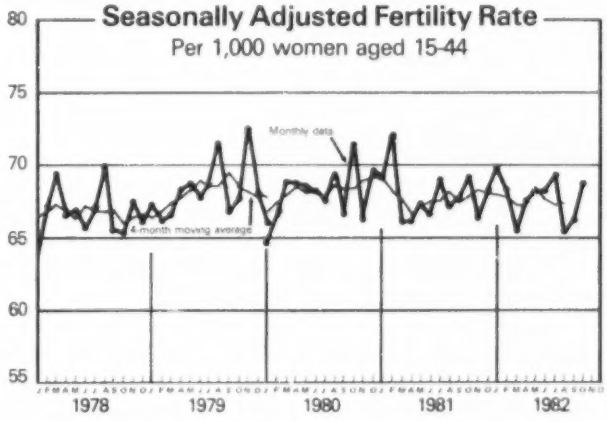
Births, Marriages, Divorces, and Deaths for October 1982

Births

There were an estimated 324,000 live births in the United States during October 1982, 1 percent more than occurred during October 1981 (321,000). The birth rate was 16.4 live births per 1,000 population, the same as the rate for October 1981. The fertility rate was 69.6 live births per 1,000 women aged 15-44 years, slightly below the rate of 69.8 for October 1981. The seasonally adjusted fertility rate was 68.6, less than 1 percent below the rate for October 1981 of 68.9.

According to provisional data for the first 10 months of 1982, there were 3,084,000 live births during this period, 1 percent more than were estimated for the comparable 10-month period in 1981 (3,047,000). The birth rates for the January-October period in 1981 and 1982 were identical, 16.0. The fertility rate was 67.9, virtually unchanged from the rate of 68.0 for January-October 1981.

During the 12-month period ending with October 1982, there were an estimated 3,682,000 live births, about 1 percent more than the number estimated for the same period ending a year earlier (3,642,000). The birth rate was 16.0 compared with 15.9 for the identical period ending in 1981. The fertility rate for the 12 months ending with October 1982 was 67.5, slightly below the level estimated 1 year earlier (67.7).



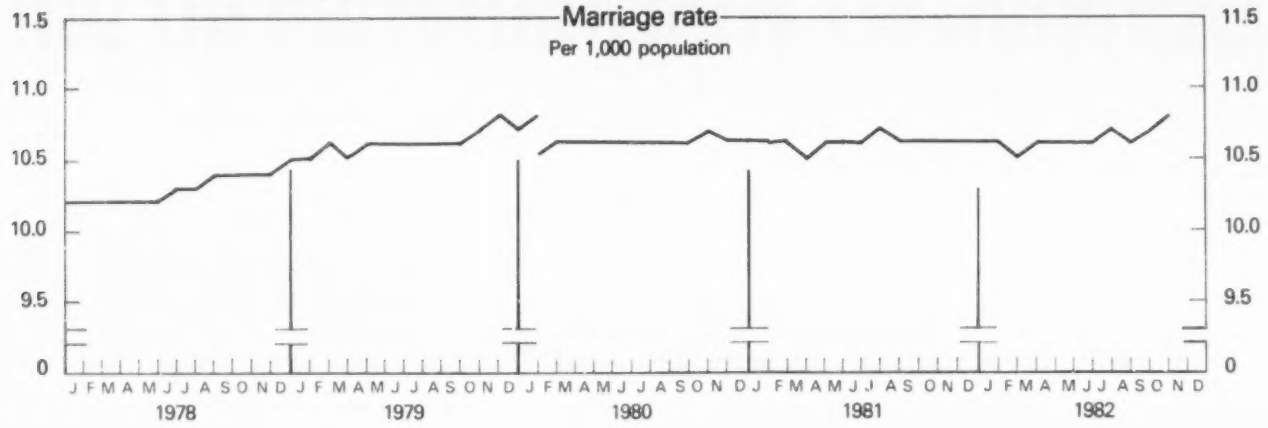
Provisional Vital Statistics for the United States

[Data are subject to monthly reporting variation; see Technical notes]

Item	October				January-October				12 months ending with October				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	324,000	321,000	16.4	16.4	3,084,000	3,047,000	16.0	16.0	3,682,000	3,642,000	16.0	15.9	15.9
Deaths	167,000	165,000	8.5	8.4	1,652,000	1,661,000	8.6	8.7	1,978,000	2,000,000	8.6	8.7	8.7
Natural increase	157,000	156,000	7.9	8.0	1,432,000	1,386,000	7.4	7.3	1,704,000	1,642,000	7.4	7.2	7.2
Marriages	225,000	204,000	11.4	10.4	2,128,000	2,066,000	11.0	10.8	2,500,000	2,432,000	10.8	10.6	10.7
Divorces	96,000	110,000	4.9	5.6	980,000	1,016,000	5.1	5.3	1,183,000	1,217,000	5.1	5.3	5.2
Infant deaths	3,600	3,700	11.1	11.7	34,500	35,700	11.2	11.8	41,600	43,100	11.3	11.8	12.6
Population base (in millions)	...	...	232.1	230.0	...	...	...	...	...	...	231.1	228.9	226.7

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Natural Increase

An estimated 157,000 persons were added to the population during October 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 10 months of 1982 was 7.4 persons per 1,000 population, 1 percent higher than the rate for January-October 1981 (7.3). This increase was due to the decline in the death rate.

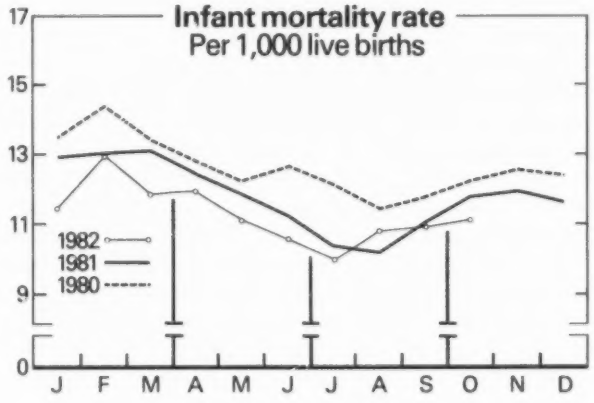
Marriages

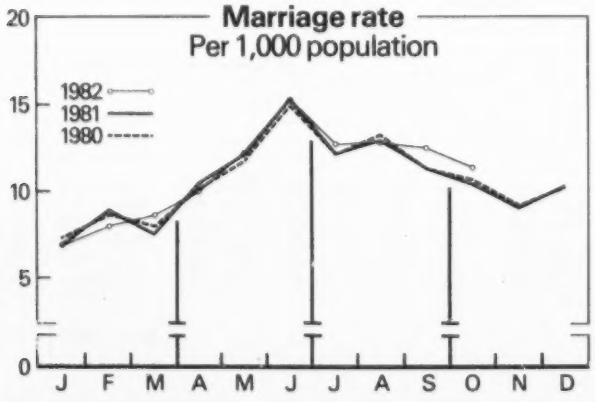
Marriages are increasing, both in number and rate.

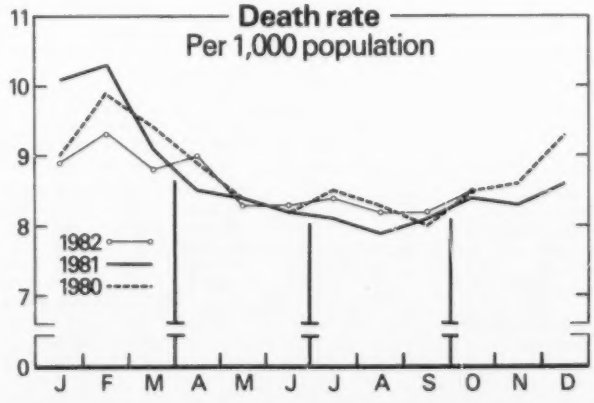
In October 1982 there were 225,000 marriages compared with 204,000 in October 1981.

Cumulatively in 1982, 2,128,000 marriages have been reported, an increase of 62,000 over the first 10 months in 1981. The marriage rate for January through October was 11.0 per 1,000 population in 1982 compared with 10.8 in 1981.

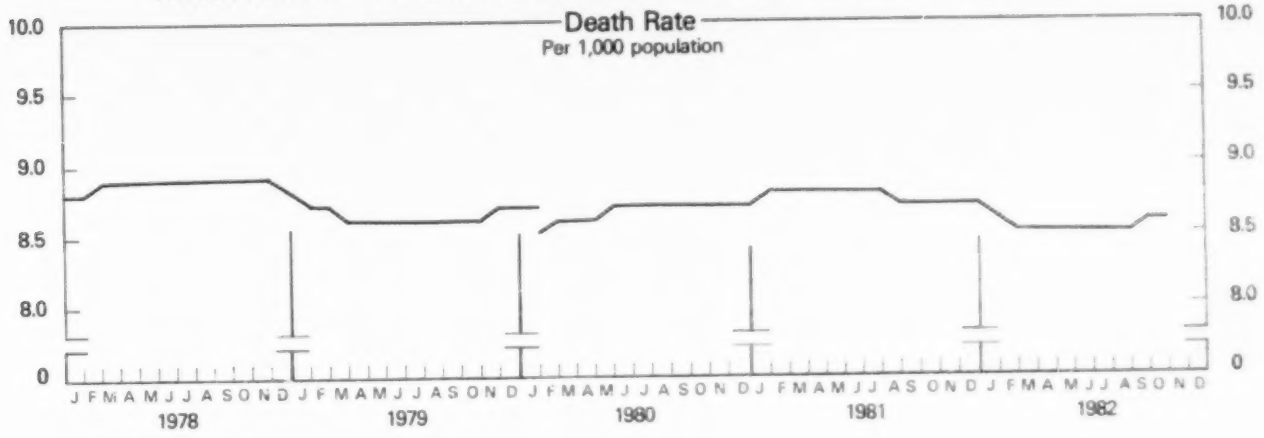
During the 12 months that ended with October there were 2,500,000 marriages, 3 percent more than during the 12 months ending October 1981. The 12-month marriage rate was 10.8 per 1,000 population, 2 percent above the rate for the 12 months ending October 1981.

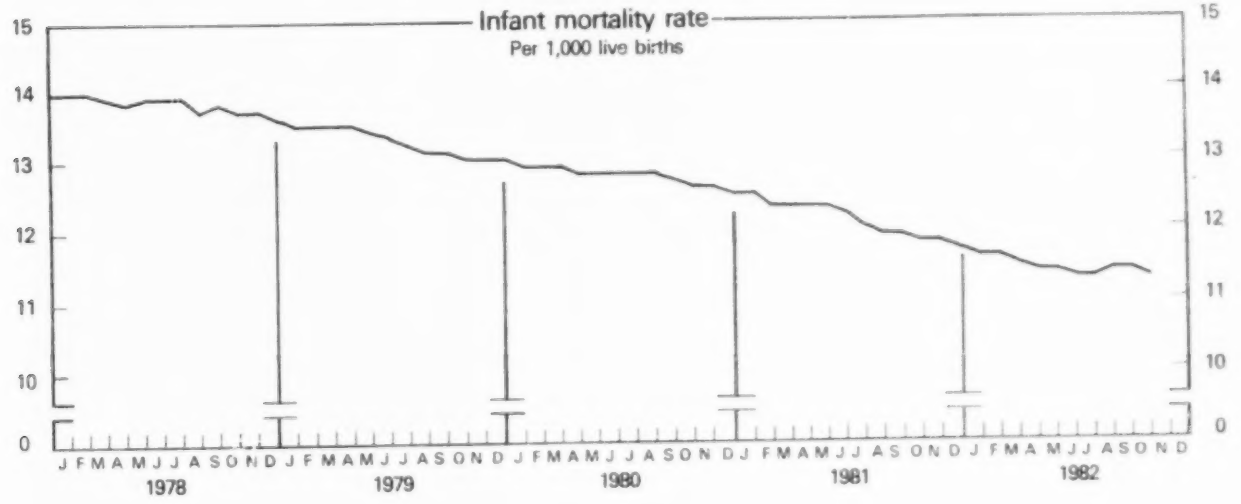






Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982


Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

Divorces are declining.

An estimated 96,000 divorces were reported for October 1982 compared with 110,000 for October 1981.

In the 10 months from January through October 1982 there were 980,000 divorces, 36,000 less than the total for the comparable period in 1981. The divorce rate for January through October 1982 was 5.1 per 1,000 population compared with 5.3 in 1981.

During the 12 months that ended October 1982 there were 1,183,000 divorces, 3 percent below the total for the 12 months ending October 1981. The 12-month divorce rate was 5.1 per 1,000 population, a 4-percent decline from the rate for the 12 months ending October 1981.

Deaths

For October 1982 the provisional count of deaths totaled 167,000, amounting to a rate of 8.5 deaths per 1,000 population. This rate was 1 percent higher than the rate of 8.4 for October 1981. Among the 167,000 deaths for October 1982 were 3,600 deaths at ages under 1 year, yielding an infant mortality rate of 11.1 deaths per 1,000 live births. This rate was 5 percent lower than the infant mortality rate of 11.7 for October 1981.

The provisional death rate for the 12 months ending with September 1982 (8.6 deaths per 1,000 population) was 1 percent lower than the rate for the 12 months ending with September 1981 (8.7). The

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, October 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	October		January-October			October		January-October		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	13,752	[a]15,545	131,490	[a]137,221	[a]133,780	19,718	[a]13,491	96,330	[a]93,005	[a]93,757
Maine	1,307	1,321	13,479	13,879	13,469	1,134	1,007	10,769	10,853	12,371
New Hampshire	1,025	[a]1,365	11,609	[a]11,386	[a]11,660	1,088	[a]968	8,676	[a]8,506	[a]8,088
Vermont	676	790	6,384	6,490	6,288	646	602	4,943	4,526	4,342
Massachusetts	6,187	6,979	63,611	64,180	62,449	12,650	7,017	41,341	40,030	40,259
Rhode Island	1,178	1,091	10,964	10,707	10,470	873	833	7,009	6,701	6,173
Connecticut	3,379	3,999	25,443	30,579	29,444	3,327	[a]3,064	23,592	[a]22,389	[a]22,524
Middle Atlantic	45,078	44,728	428,614	417,333	406,895	30,729	27,208	268,858	251,990	244,977
New York[1]	22,863	23,084	211,699	205,387	196,515	15,675	11,923	137,776	125,012	116,026
New Jersey	8,558	7,901	80,444	77,157	75,533	6,653	5,888	52,553	49,625	47,147
Pennsylvania	13,657	13,743	136,471	134,789	134,847	8,401	9,397	78,529	77,353	81,804
East North Central	55,727	54,592	536,981	545,977	556,230	40,209	36,927	332,191	334,557	340,150
Ohio	15,099	13,430	137,595	141,332	141,723	8,768	9,075	87,204	83,960	85,737
Indiana	7,586	7,581	69,849	71,051	74,095	4,745	4,712	48,086	48,040	49,640
Illinois	15,347	16,062	150,341	152,410	155,966	9,712	10,570	91,417	93,386	94,171
Michigan	11,435	11,695	114,760	117,861	120,363	12,324	9,356	68,711	72,591	73,837
Wisconsin	6,260	5,824	64,436	63,323	64,083	4,660	3,214	36,773	36,580	36,765
West North Central	24,987	23,265	239,662	239,582	[a]241,700	14,674	13,419	151,378	150,044	[a]148,585
Minnesota	5,882	4,922	56,378	55,982	[a]56,973	3,409	3,821	33,025	33,472	[a]32,951
Iowa	3,859	3,863	38,194	39,084	40,275	2,322	2,257	23,582	23,441	23,694
Missouri	7,420	5,890	66,879	65,471	66,535	4,889	2,943	47,035	45,545	45,471
North Dakota	1,147	1,086	11,364	11,269	10,902	513	496	5,383	5,332	5,254
South Dakota	1,133	1,116	10,779	10,700	10,851	631	621	7,240	7,494	7,715
Nebraska	2,276	2,512	22,799	23,351	23,439	916	1,103	12,423	12,566	12,169
Kansas	3,270	3,876	33,269	33,725	32,725	1,994	2,179	22,690	22,194	21,331
South Atlantic	49,512	47,540	470,665	457,830	456,260	33,967	34,919	363,936	355,595	350,155
Delaware	854	829	7,893	7,810	7,999	531	484	4,102	3,935	3,780
Maryland	4,991	4,768	47,628	45,109	43,660	4,306	4,295	40,529	39,953	39,412
District of Columbia	1,321	1,255	15,351	14,440	14,442	438	442	4,910	4,598	4,459
Virginia	7,076	6,532	65,674	63,803	62,517	5,203	5,131	52,782	52,128	50,896
West Virginia	2,200	2,490	23,665	24,269	25,638	1,347	1,331	14,057	14,079	14,693
North Carolina	7,453	7,207	72,337	70,393	71,211	3,790	3,785	43,158	40,526	39,245
South Carolina	4,359	4,218	41,376	41,328	41,520	4,084	4,137	44,833	45,593	45,192
Georgia	8,478	7,479	77,246	76,928	80,363	6,159	7,169	62,592	61,066	60,328
Florida	12,780	12,762	119,495	113,750	108,910	8,109	8,145	96,993	90,717	92,150
East South Central	21,837	20,898	197,896	198,684	204,644	14,372	13,995	142,918	143,354	143,520
Kentucky	5,196	5,033	48,496	48,986	50,988	3,176	2,855	29,415	29,199	29,340
Tennessee	6,165	5,965	59,510	59,840	61,233	4,742	5,295	49,451	50,342	49,207
Alabama	6,369	5,633	51,733	51,600	52,578	4,497	3,789	40,971	40,931	41,544
Mississippi	4,107	4,267	38,157	38,258	39,845	1,957	2,056	23,081	22,882	23,429
West South Central	52,936	48,159	404,454	376,659	357,019	28,007	24,972	273,805	257,990	251,857
Arkansas	2,937	3,113	27,966	29,564	31,059	1,971	1,963	23,278	22,149	20,774
Louisiana	8,549	8,026	72,414	68,806	66,075	3,873	3,389	36,574	37,073	34,606
Oklahoma	5,030	3,360	45,803	42,233	42,117	3,462	3,939	40,214	39,848	38,939
Texas	36,420	33,660	258,271	236,056	217,768	18,701	15,681	173,739	158,920	157,538
Mountain	20,525	19,423	195,053	193,104	190,182	18,803	[2]9,595	[2]110,741	[2]112,633	[a]207,072
Montana	1,260	1,207	12,064	11,739	11,727	621	616	7,101	7,075	7,147
Idaho	1,713	1,454	16,268	16,204	16,490	1,125	1,048	11,873	12,085	10,921
Wyoming	909	749	8,389	8,619	7,926	509	570	5,673	5,885	5,573
Colorado	4,823	4,582	45,896	43,666	41,618	3,905	2,481	31,448	31,677	29,316
New Mexico[3]	2,009	2,240	20,892	23,923	22,642	1,163	1,208	14,557	14,131	13,681
Arizona[4]	4,648	4,733	43,682	42,305	41,728	2,069	2,502	24,317	26,443	25,145
Utah	3,716	3,529	36,732	35,451	36,839	1,150	1,170	15,772	15,337	14,562
Nevada	1,447	929	11,130	11,197	11,212	8,261	---	---	---	100,727
Pacific	45,849	46,854	453,331	466,955	446,239	28,980	22,972	276,722	254,598	258,617
Washington	3,654	3,009	45,993	57,751	55,873	4,086	4,033	40,095	41,843	38,859
Oregon	3,380	3,608	35,580	37,349	37,176	1,701	1,371	20,272	19,010	19,381
California	[5]36,182	[5]37,611	346,965	348,242	329,926	21,522	16,084	199,906	178,526	185,988
Alaska	962	955	9,105	8,415	7,921	531	537	5,205	4,878	4,389
Hawaii	1,671	1,671	15,688	15,198	15,343	1,140	947	11,244	10,341	10,000
New York City[3]	9,095	9,381	93,459	89,904	89,133	5,447	5,310	58,675	54,281	51,623
Puerto Rico	4,411	5,540	47,486	52,002	---	1,708	1,916	21,536	23,283	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4-week reporting period.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, October 1981 and 1982, and cumulative figures, 1980-82

(By place of occurrence. Number of events reported; see Technical notes)

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	October		January-October			October		January-October		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	9,431	[a]8,797	94,757	[a]91,391	94,922	123	146	1,488	1,247	1,370
Maine	751	799	8,364	8,611	9,042	13	17	126	125	114
New Hampshire	691	[a]705	6,292	[a]6,385	6,323	10	14	106	95	96
Vermont	406	397	3,752	3,756	3,517	4	5	46	51	47
Massachusetts	4,444	3,851	47,690	43,413	46,465	46	71	761	572	700
Rhode Island	796	759	7,523	7,779	7,774	11	17	122	142	129
Connecticut	2,343	2,286	21,136	21,447	21,801	39	22	327	262	284
Middle Atlantic	30,967	[a]31,699	292,914	[a]297,448	293,241	464	[a]523	4,765	[a]5,047	5,358
New York[1]	14,552	15,488	139,626	142,367	139,480	253	285	2,644	2,606	2,697
New Jersey	6,183	[a]5,703	54,571	[a]55,595	52,743	65	[a]86	845	[a]880	896
Pennsylvania	10,232	10,508	98,717	99,486	101,018	146	152	1,276	1,561	1,765
East North Central	28,869	30,269	294,599	299,841	[a]299,553	593	629	5,968	6,461	[a]6,851
Ohio	7,990	8,230	78,037	81,622	81,528	132	121	1,445	1,556	1,707
Indiana	3,596	3,978	38,764	39,949	39,035	89	83	783	824	841
Illinois	7,846	8,321	80,864	81,895	82,680	156	207	1,939	2,029	2,241
Michigan	6,081	6,450	61,940	62,496	[a]61,605	147	159	1,339	1,540	1,490
Wisconsin	3,256	3,290	34,994	33,879	[a]34,705	69	59	462	512	[a]572
West North Central	13,646	12,385	131,346	129,762	[a]130,994	236	309	2,465	2,713	[a]2,773
Minnesota	2,890	2,822	27,702	26,556	[a]27,350	46	63	506	585	[a]556
Iowa	2,198	2,193	22,160	22,338	22,197	34	49	324	373	458
Missouri	4,697	3,560	41,437	41,144	41,128	88	97	837	947	931
North Dakota	491	543	4,757	4,824	4,865	15	19	144	156	134
South Dakota	549	522	5,443	5,209	5,412	6	12	90	105	102
Nebraska	1,099	1,401	12,129	12,164	12,139	17	37	239	226	269
Kansas	1,722	1,644	17,718	17,527	17,903	30	37	325	321	323
South Atlantic	27,463	27,957	277,979	284,388	275,658	664	674	6,074	6,343	[a]6,556
Delaware	405	468	4,248	4,308	4,243	9	17	82	95	105
Maryland	2,837	2,813	27,552	27,763	27,121	49	43	491	470	[a]521
District of Columbia	840	729	7,011	7,420	7,626	54	41	345	385	453
Virginia	3,559	3,484	34,345	34,401	34,632	92	75	783	782	826
West Virginia	1,527	1,547	15,833	16,265	16,055	33	41	254	329	341
North Carolina	4,206	4,172	40,669	41,438	40,578	114	111	999	961	1,048
South Carolina	2,098	1,964	20,162	20,312	20,103	54	58	623	633	621
Georgia	3,103	4,207	37,489	40,456	37,046	91	126	963	1,161	1,044
Florida	8,888	8,573	90,670	92,025	88,254	168	162	1,534	1,527	1,597
East South Central	10,746	10,590	111,669	113,321	112,622	274	276	2,699	2,690	2,878
Kentucky	2,524	2,484	27,322	28,145	27,998	49	63	550	593	596
Tennessee	3,526	3,445	35,990	36,051	35,765	77	97	818	883	859
Alabama	2,827	2,834	29,323	29,785	29,743	87	50	751	690	790
Mississippi	1,869	1,827	19,034	19,340	19,116	61	66	580	564	633
West South Central	19,090	16,494	170,128	166,688	163,916	576	476	4,619	4,639	4,573
Arkansas	1,752	1,652	18,553	18,405	18,979	33	26	276	320	371
Louisiana	3,215	2,888	30,583	30,584	29,883	107	126	937	940	1,021
Oklahoma	2,304	2,161	23,780	23,086	23,830	52	39	504	494	447
Texas	11,819	9,793	97,212	94,613	91,224	384	285	2,902	2,885	2,734
Mountain	6,771	6,687	69,141	68,728	67,254	187	[a]221	1,950	[a]1,985	2,089
Montana	576	554	5,437	5,571	5,495	9	12	81	107	115
Idaho	600	590	5,532	5,518	5,292	17	10	143	112	113
Wyoming	291	297	2,558	2,494	2,544	4	7	47	57	54
Colorado	1,687	1,658	16,890	16,503	16,046	40	56	467	481	469
New Mexico	618	661	6,669	7,378	7,732	19	[a]23	195	[a]214	230
Arizona	1,711	1,575	19,023	18,750	18,074	39	52	469	534	569
Utah	759	731	7,537	7,075	6,975	47	44	424	355	415
Nevada	529	621	5,495	5,439	5,096	12	17	124	125	124
Pacific	19,068	[a]18,832	207,841	[a]208,903	206,914	421	449	4,693	4,741	[a]5,132
Washington	3,528	2,411	27,630	28,091	25,950	66	48	534	475	609
Oregon	1,799	[a]1,773	17,876	[a]18,234	18,076	35	40	386	421	467
California	[2]13,153	[2]14,043	156,277	156,629	157,078	[2]296	[2]327	3,520	3,564	[a]3,801
Alaska	159	175	1,465	1,540	1,428	10	16	101	114	94
Hawaii	429	430	4,593	4,409	4,382	14	18	152	167	[a]161
New York City	5,886	5,497	60,364	61,284	62,519	141	165	1,436	1,432	1,436
Puerto Rico	1,241	1,345	15,038	15,320	...	55	78	805	902	...

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, October 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	October		January-October		
	1982	1981	1982	1981	1980
Total, 49 areas	91,123	[a]104,155	928,501	[a]964,895	[a]927,958
Alabama	2,019	2,331	20,891	23,149	23,063
Alaska	241	181	3,041	3,012	2,902
Arizona	1,570	1,815	16,899	17,326	[a]16,520
Arkansas	1,093	1,536	13,207	15,402	18,007
California	9,453	13,798	113,382	110,086	[a]111,988
Colorado	1,868	1,634	14,478	15,176	15,016
Connecticut	914	958	8,904	9,961	[a]9,337
Delaware	234	503	2,611	2,258	1,839
District of Columbia	291	[a]334	2,908	[a]3,182	2,952
Florida	5,744	6,334	59,582	67,860	59,670
Georgia	2,448	3,937	28,620	30,622	28,962
Hawaii	405	398	3,540	3,534	3,734
Idaho	511	514	5,299	5,477	5,412
Illinois	4,234	4,830	41,350	44,419	41,977
Iowa	942	997	8,977	9,987	9,667
Kansas	977	1,200	10,634	12,244	10,984
Kentucky	1,412	1,600	13,671	14,825	14,233
Maine	544	474	4,887	5,240	4,978
Maryland	1,076	1,200	12,143	12,864	13,454
Massachusetts	1,779	1,800	18,475	16,862	13,040
Michigan	2,447	6,213	30,267	39,136	35,061
Minnesota	1,231	1,341	12,006	13,275	[a]12,444
Mississippi	1,227	813	11,048	10,991	11,316
Missouri	2,306	2,278	22,499	22,966	22,926
Montana	390	410	3,858	4,191	4,149
Nebraska	550	637	5,448	5,730	5,396
Nevada	1,098	1,111	10,124	9,895	11,488
New Hampshire	357	[a]282	4,146	[a]4,199	[a]4,281
New Jersey	2,292	[a]2,551	24,026	[a]24,203	21,168
New Mexico[1]	685	854	8,017	8,897	8,921
New York	5,498	5,341	52,325	52,792	45,463
North Carolina	2,401	2,556	24,635	24,814	23,490
North Dakota	171	204	1,841	1,904	1,782
Ohio	4,413	5,013	44,686	48,742	47,747
Oklahoma	1,982	2,002	20,155	21,221	20,459
Oregon	1,369	1,410	13,868	14,733	14,853
Pennsylvania	3,073	3,792	31,733	31,844	29,990
Rhode Island	358	277	3,051	2,937	3,131
South Carolina	1,134	1,279	11,497	11,746	11,597
South Dakota	238	251	2,186	2,316	2,340
Tennessee	2,537	2,823	25,015	26,685	24,325
Texas	9,377	7,435	85,024	81,498	80,939
Utah	697	711	6,833	6,772	6,615
Vermont	329	351	2,107	2,004	2,038
Virginia	2,379	2,201	21,051	20,432	19,339
Washington	2,357	2,245	22,707	24,247	22,948
West Virginia	802	1,028	8,508	9,267	8,070
Wisconsin	1,241	1,956	13,061	15,470	14,689
Wyoming	329	416	3,260	3,502	3,258

[1] Figures include estimates for some counties.
[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, October 1981-October 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981:								
October	321,000	16.4	69.8	68.9	204,000	10.4	44.3	45.7
November	291,000	15.4	65.4	66.2	172,000	9.1	38.7	42.6
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982:								
January	[a]312,000	[a]16.0	[a]67.8	[a]69.6	[a]133,000	[a]6.6	[a]28.9	[a]43.6
February	[a]282,000	[a]15.9	[a]67.7	[a]68.3	[a]141,000	[a]8.0	[a]33.9	[a]44.2
March	297,000	[a]15.2	[a]64.4	[a]65.5	168,000	8.6	36.4	44.6
April	287,000	15.1	[a]64.0	[a]67.5	191,000	10.0	42.6	44.7
May	304,000	15.5	65.7	[a]68.1	239,000	12.2	51.7	49.1
June	[a]301,000	[a]15.9	[a]67.2	[a]68.2	290,000	15.3	64.8	46.2
July	338,000	17.2	72.8	69.3	250,000	12.7	53.8	46.2
August	322,000	16.4	69.3	65.3	252,000	12.8	54.2	43.6
September	316,000	16.6	70.2	65.9	238,000	12.5	52.9	47.1
October	324,000	16.4	69.6	68.6	225,000	11.4	48.3	49.9

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, September 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with September 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	September				January-September				12 months ending with September			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	15,694	8.2	15,176	8.1	148,221	8.6	148,094	8.7	197,324	8.6	197,709	8.7
Male	8,360	9.1	8,228	9.0	79,455	9.5	79,946	9.7	105,790	9.4	106,832	9.7
Female	7,334	7.5	6,948	7.2	68,766	7.7	68,148	7.8	91,534	7.7	90,877	7.8
White	13,744	8.5	13,221	8.2	129,753	8.8	129,655	8.9	172,767	8.7	172,983	8.9
Male	7,242	9.1	7,103	9.0	68,966	9.6	69,604	9.8	91,883	9.6	92,901	9.8
Female	6,502	7.8	6,118	7.4	60,787	8.0	60,051	8.1	80,884	8.0	80,082	8.1
All other	1,950	7.1	1,955	7.2	18,468	7.4	18,439	7.6	24,557	7.3	24,726	7.6
Male	1,118	8.5	1,125	8.7	10,489	8.8	10,342	8.9	13,907	8.7	13,931	9.0
Female	832	5.7	830	5.8	7,979	6.1	8,097	6.3	10,650	6.1	10,795	6.3
Black	1,796	7.9	---	---	16,963	8.2	---	---	---	---	---	---
Male	1,023	9.5	---	---	9,573	9.9	---	---	---	---	---	---
Female	773	6.4	---	---	7,390	6.8	---	---	---	---	---	---
Under 1 year	317	10.6	338	11.5	3,120	11.4	3,165	11.9	4,249	11.7	4,272	12.0
1-14 years	140	0.4	129	0.3	1,312	0.4	1,397	0.4	1,754	0.4	1,834	0.4
15-24 years	353	1.0	344	1.0	3,241	1.0	3,341	1.1	4,322	1.0	4,489	1.1
25-34 years	444	1.4	469	1.5	3,784	1.3	3,919	1.4	5,088	1.3	5,089	1.3
35-44 years	469	2.0	442	2.0	4,362	2.1	4,451	2.3	5,874	2.1	5,882	2.3
45-54 years	984	5.3	1,016	5.5	9,366	5.6	9,843	5.9	12,463	5.6	13,256	5.9
55-64 years	2,279	12.5	2,306	12.8	21,370	12.9	21,908	13.5	28,569	13.0	29,191	13.5
65-74 years	3,692	27.8	3,678	28.2	34,816	28.9	34,955	29.8	46,226	28.8	46,560	29.7
75-84 years	4,090	60.4	3,847	58.5	39,033	63.7	38,271	65.0	51,751	63.2	51,225	65.2
85 years and over	2,918	142.9	2,595	132.8	27,757	150.5	26,781	154.0	36,931	149.9	35,820	154.0
Not stated	8	...	12	...	60	...	63	...	97	...	91	...

[1] Figures for the District of Columbia are not included in the September sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, September 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with September 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		September				January-September				12 months ending with September			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		15,694	821.1	15,176	813.2	148,221	859.1	148,094	873.5	197,324	855.6	197,709	873.4
Shigellosis and amebiasis	004,006	-	-	-	-	2	0.0	-	-	5	0.0		
Certain other intestinal infections	007-009	3	0.2	2	0.1	23	0.1	27	0.2	35	0.2	34	0.2
Tuberculosis	010-018	22	1.2	10	0.5	151	0.9	131	0.8	198	0.9	189	0.8
Tuberculosis of respiratory system	010-012	19	1.0	8	0.4	129	0.7	110	0.6	169	0.7	164	0.7
Other tuberculosis	013-018	3	0.2	2	0.1	22	0.1	21	0.1	29	0.1	25	0.1
Whooping cough	033	-	-	-	-	-	-	1	0.0	-	-	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	3	0.2	2	0.1	31	0.2	47	0.3	44	0.2	55	0.2
Septicemia	038	94	4.9	72	3.9	809	4.7	734	4.3	1,081	4.7	969	4.3
Acute poliomyelitis	045	-	-	1	0.1	3	0.0	3	0.0	3	0.0	4	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis	070	7	0.4	6	0.3	63	0.4	61	0.4	78	0.3	89	0.4
Syphilis	090-097	-	-	2	0.1	5	0.0	14	0.1	10	0.0	16	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	34	1.8	30	1.6	294	1.7	308	1.8	395	1.7	407	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,635	190.2	3,512	188.2	32,605	189.0	31,515	185.9	43,039	186.6	41,894	185.1
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	57	3.0	59	3.2	639	3.7	629	3.7	825	3.6	836	3.7
Malignant neoplasms of digestive organs and peritoneum	150-159	953	49.9	952	51.0	8,389	48.6	8,309	49.0	11,088	48.1	11,054	48.8
Malignant neoplasms of respiratory and intrathoracic organs	160-165	965	50.5	919	49.2	8,575	49.7	8,358	49.3	11,338	49.2	11,034	48.7
Malignant neoplasm of breast	174-175	300	15.7	326	17.5	2,814	16.3	2,702	15.9	3,768	16.3	3,573	15.8
Malignant neoplasms of genital organs	179-187	396	20.7	396	21.2	3,580	20.7	3,387	20.0	4,754	20.6	4,520	20.0
Malignant neoplasms of urinary organs	188-189	149	7.8	125	6.7	1,408	8.2	1,311	7.7	1,855	8.0	1,752	7.7
Malignant neoplasms of all other and unspecified sites	170-173,190-199	446	23.3	430	23.0	4,229	24.5	4,030	23.8	5,532	24.0	5,378	23.8
Leukemia	204-208	152	8.0	119	6.4	1,257	7.3	1,154	6.8	1,656	7.2	1,566	6.9
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	217	11.4	186	10.0	1,714	9.9	1,635	9.6	2,223	9.6	2,181	9.6
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	49	2.6	51	2.7	562	3.3	516	3.0	729	3.2	667	2.9
Diabetes mellitus	250	256	13.4	246	13.2	2,460	14.3	2,539	15.0	3,362	14.6	3,399	15.0
Nutritional deficiencies	260-269	20	1.0	25	1.3	195	1.1	163	1.0	233	1.0	234	1.0
Anemias	280-285	29	1.5	34	1.8	236	1.4	265	1.6	322	1.4	347	1.5
Meningitis	320-322	6	0.3	7	0.4	96	0.6	93	0.5	129	0.6	124	0.5
Major cardiovascular diseases	390-448	7,471	390.9	7,215	386.6	72,443	419.9	72,510	427.7	96,709	419.3	97,284	429.8
Diseases of heart	390-398,402,404-429	5,831	305.1	5,663	303.5	56,532	327.6	56,234	331.7	75,331	326.6	75,303	332.7
Rheumatic fever and rheumatic heart disease	390-398	51	2.7	67	3.6	514	3.0	599	3.5	681	3.0	797	3.5
Hypertensive heart disease	402	147	7.7	131	7.0	1,527	8.9	1,502	8.9	2,093	9.1	2,039	9.0
Hypertensive heart and renal disease	404	29	1.5	27	1.4	219	1.3	226	1.3	295	1.3	298	1.3
Ischemic heart disease	410-414	4,199	219.7	4,186	224.3	41,317	239.5	41,547	245.1	55,097	238.9	55,691	246.0
Acute myocardial infarction	410	2,180	114.1	2,257	120.9	21,573	125.0	21,735	128.2	28,779	124.8	29,304	129.5
Other acute and subacute forms of ischemic heart disease	411	25	1.3	30	1.6	347	2.0	312	1.8	467	2.0	424	1.9
Angina pectoris	413	3	0.2	6	0.3	28	0.2	38	0.2	35	0.2	47	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	1,991	104.2	1,893	101.4	19,369	112.3	19,462	114.8	25,816	111.9	25,916	114.5
Other diseases of endocardium	424	53	2.8	42	2.3	557	3.2	522	3.1	721	3.1	683	3.0
All other forms of heart disease	415-423,425-429	1,352	70.7	1,210	64.8	12,398	71.9	11,838	69.8	16,444	71.3	15,795	69.8
Hypertension with or without renal disease	401,403	59	3.1	57	3.1	569	3.3	600	3.5	746	3.2	783	3.5
Cerebrovascular diseases	430-438	1,256	65.7	1,140	61.1	11,929	69.1	12,091	71.3	16,044	69.6	16,365	72.3
Intracerebral and other intracranial hemorrhage	431-432	165	8.6	141	7.6	1,501	8.7	1,482	8.7	2,021	8.8	1,945	8.6
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	224	11.7	218	11.7	2,156	12.5	2,280	13.4	2,950	12.8	3,164	14.0
Cerebral embolism	434.1	8	0.4	7	0.4	60	0.3	46	0.3	88	0.4	56	0.2
All other and late effects of cerebrovascular diseases	430,433,435-438	859	44.9	774	41.5	8,212	47.6	8,283	48.9	10,985	47.6	11,200	49.5
Atherosclerosis	440	170	8.9	204	10.9	1,957	11.3	2,150	12.7	2,653	11.5	2,906	12.8
Other diseases of arteries, arterioles, and capillaries	441-448	155	8.1	151	8.1	1,456	8.4	1,435	8.5	1,935	8.4	1,927	8.5

Acute bronchitis and bronchiolitis	466	2	0.1	4	0.2	34	0.2	51	0.3	45	0.2	59	0.3
Pneumonia and influenza	480-487	330	17.3	320	17.1	3,687	21.4	4,214	24.9	4,861	21.1	5,506	24.3
Pneumonia	480-486	327	17.1	320	17.1	3,622	21.0	3,910	23.1	4,783	20.7	5,153	22.8
Influenza	487	3	0.2	-	-	65	0.4	304	1.8	78	0.3	353	1.6
Chronic obstructive pulmonary diseases and allied conditions	490-496	464	24.3	412	22.1	4,502	26.1	4,588	27.1	5,841	25.3	6,007	26.5
Bronchitis, chronic and unspecified	490-491	27	1.4	17	0.9	267	1.5	290	1.7	366	1.6	389	1.7
Emphysema	492	94	4.9	88	4.7	968	5.6	1,034	6.1	1,277	5.5	1,391	6.1
Asthma	493	22	1.2	28	1.5	221	1.3	242	1.4	291	1.3	294	1.3
Other chronic obstructive pulmonary diseases and allied conditions	494-496	321	16.8	279	15.0	3,046	17.7	3,022	17.8	3,907	16.9	3,933	17.4
Ulcer of stomach and duodenum	531-533	55	2.9	54	2.9	508	2.9	488	2.9	706	3.1	647	2.9
Appendicitis	540-543	1	0.1	7	0.4	36	0.2	54	0.3	50	0.2	71	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	44	2.3	34	1.8	372	2.2	360	2.1	488	2.1	498	2.2
Chronic liver disease and cirrhosis	571	226	11.8	230	12.3	2,012	11.7	2,197	13.0	2,736	11.9	2,973	13.1
Cholelithiasis and other disorders of gallbladder	574-575	15	0.8	23	1.2	215	1.2	223	1.3	284	1.2	291	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	160	8.4	152	8.1	1,384	8.0	1,312	7.7	1,808	7.8	1,730	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	2	0.1	23	0.1	18	0.1	33	0.1	27	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	11	0.6	15	0.8	131	0.8	132	0.8	172	0.7	188	0.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	147	7.7	135	7.2	1,230	7.1	1,162	6.9	1,603	7.0	1,515	6.7
Infections of kidney	590	11	0.6	17	0.9	153	0.9	181	1.1	213	0.9	252	1.1
Hyperplasia of prostate	600	4	0.2	3	0.2	39	0.2	36	0.2	56	0.2	62	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	1	0.1	3	0.2	24	0.1	24	0.1	34	0.1	31	0.1
Pregnancy with abortive outcome	630-638	-	-	-	-	6	0.0	3	0.0	8	0.0	3	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	1	0.1	3	0.2	18	0.1	21	0.1	26	0.1	28	0.1
Congenital anomalies	740-759	116	6.1	114	6.1	981	5.7	989	5.8	1,317	5.7	1,306	5.8
Certain conditions originating in the perinatal period	760-779	150	7.8	169	9.1	1,552	9.0	1,565	9.2	2,103	9.1	2,120	9.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	37	1.9	47	2.5	448	2.6	498	2.9	607	2.6	685	3.0
Other conditions originating in the perinatal period	760-766,770-779	113	5.9	122	6.5	1,104	6.4	1,067	6.3	1,496	6.5	1,435	6.3
Symptoms, signs, and ill-defined conditions	780-799	301	15.7	283	15.2	2,889	16.7	2,801	16.5	3,836	16.6	3,747	16.6
All other diseases	Residual	971	50.8	892	47.8	8,896	51.6	8,634	50.9	11,881	51.5	11,447	50.6
Accidents and adverse effects	E800-E949	767	40.1	777	41.6	7,073	41.0	7,435	44.2	9,512	41.2	9,967	44.0
Motor vehicle accidents	E810-E825	397	20.8	420	22.5	3,319	19.2	3,761	22.2	4,559	19.8	5,071	22.4
All other accidents and adverse effects	E800-E807,E826-E949	370	19.4	357	19.1	3,754	21.8	3,734	22.0	4,953	21.5	4,896	21.6
Suicide	E950-E959	232	12.1	221	11.8	2,038	11.8	1,953	11.5	2,693	11.7	2,602	11.5
Homicide and legal intervention	E960-E978	191	10.0	214	11.5	1,640	9.5	1,763	10.4	2,208	9.6	2,365	10.4
All other external causes	E980-E999	24	1.3	32	1.7	204	1.2	238	1.4	276	1.2	314	1.4

[1] Figures for the District of Columbia are not included in the September sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, September 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with September 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	September				January–September				12 months ending with September			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	317	10.9	336	11.0	3,120	11.3	3,165	11.8	4,249	11.4	4,272	11.9
Under 28 days	202	6.9	244	7.8	2,110	7.6	2,133	7.9	2,848	7.6	2,875	8.0
28 days to 11 months	115	4.0	94	3.2	1,010	3.6	1,032	3.9	1,401	3.7	1,397	3.9
Certain gastrointestinal diseases (008-009,535,555-558)	3	0.1	2	0.1	18	0.1	26	0.1	22	0.1	35	0.1
Pneumonia and influenza (480-487)	1	0.0	3	0.1	56	0.2	55	0.2	72	0.2	74	0.2
Congenital anomalies (740-759)	71	2.4	86	2.8	666	2.4	663	2.5	893	2.4	881	2.4
Disorders relating to short gestation and unspecified low birthweight (765)	25	0.9	36	1.2	276	1.0	285	1.0	370	1.0	386	1.1
Birth trauma (767)	3	0.1	5	0.2	45	0.2	69	0.3	63	0.2	94	0.3
Intrauterine hypoxia and birth asphyxia (768)	13	0.4	8	0.3	114	0.4	110	0.4	147	0.4	151	0.4
Respiratory distress syndrome (769)	20	0.7	34	1.1	287	1.0	317	1.2	395	1.1	436	1.2
Other conditions originating in the perinatal period (760-764,766,770-779)	86	2.9	86	2.8	815	2.9	778	2.9	1,111	3.0	1,041	2.9
Sudden infant death syndrome (798.0)	40	1.4	30	1.0	344	1.2	364	1.3	475	1.3	503	1.4
All other causes (Residual)	55	1.9	48	1.6	499	1.8	498	1.9	701	1.9	671	1.9

[1] Figures for the District of Columbia are not included in the September sample for 1982.

(Continued from page 3)

estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.8 to 7.7), 2 percent for the white population (from 8.9 to 8.7), and 4 percent for the population of all other races (from 7.6 to 7.3). By age, the death rate was lower for each age group 35-44 years and over.

The estimated death rate decreased between the two successive 12-month periods ending with September for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Pneumonia and influenza, Motor vehicle accidents, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Infections of kidney. The estimated death rate for Septicemia increased between the two successive 12-month periods.

The decrease in infant mortality (from 11.9 deaths per 1,000 live births for the 12 months ending with September 1981 to 11.4 for the 12 months ending with September 1982) reflects a 5-percent decrease in the rates for infants under 28 days and for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 8.0 to 7.6 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 3.9 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

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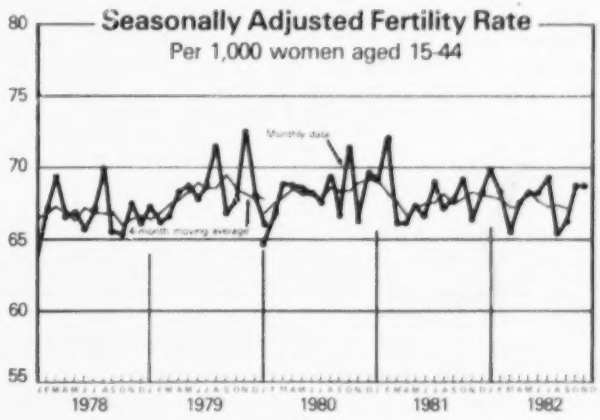
Births, Marriages, Divorces, and Deaths for November 1982

Births

An estimated 300,000 babies were born in the United States during November 1982, 3 percent more than reported for November 1981 (291,000). The birth rate was 15.7 live births per 1,000 population, 2 percent higher than the rate for November 1981 (15.4). The fertility rate was 67.2 live births per 1,000 women aged 15-44 years, 3 percent above the rate of 65.4 for November 1981. The seasonally adjusted fertility rate was 68.6, 4 percent higher than the rate for November 1981 (66.2).

According to provisional data for the first 11 months of 1982, there were 3,384,000 live births, 1 percent more than were estimated for the comparable period in 1981 (3,339,000). The birth rate was 16.0 for January through November 1982 compared with 15.9 for the same period in 1981. The fertility rates for the January through November period in 1981 and 1982 were identical, 67.8.

During the 12 months ending with November 1982 there were an estimated 3,691,000 live births, 1 percent more than the number estimated for the same period ending with November 1981 (3,647,000). The birth rate was 16.0 compared with 15.9 for the same period ending a year earlier. The fertility rate for the 12 months ending with November 1982 was 67.6, slightly below the rate of 67.7 estimated 1 year earlier.



Provisional Vital Statistics for the United States

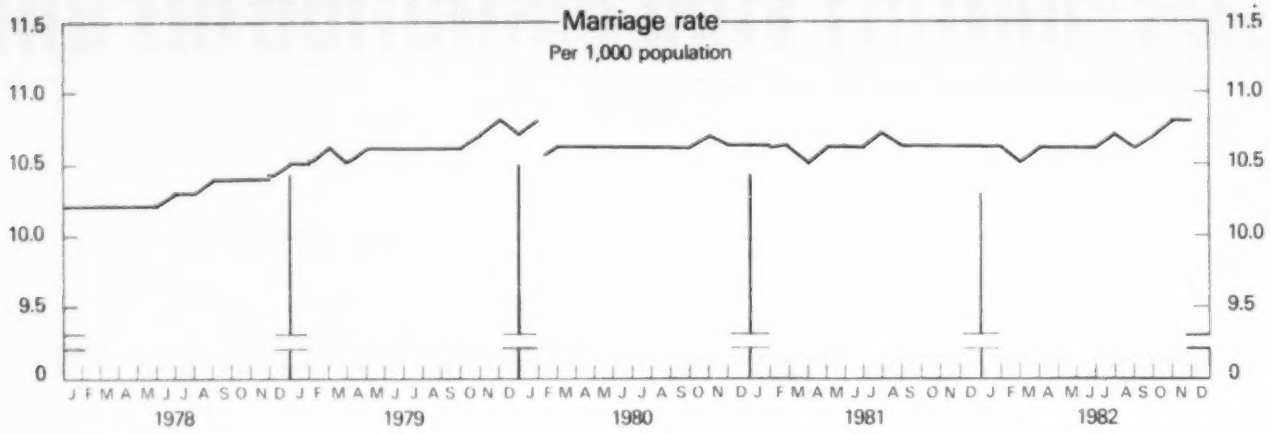
(Data are subject to monthly reporting variation; see Technical notes)

Item	November				January-November				12 months ending with November				
	Number		Rate		Number		Rate		Number		Rate		
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1980
Live births	300,000	291,000	15.7	15.4	3,384,000	3,339,000	16.0	15.9	3,691,000	3,647,000	16.0	15.9	15.8
Deaths	157,000	157,000	8.2	8.3	1,809,000	1,818,000	8.5	8.7	1,978,000	1,997,000	8.6	8.7	8.7
Natural increase	143,000	134,000	7.5	7.1	1,575,000	1,521,000	7.5	7.2	1,713,000	1,650,000	7.4	7.2	7.1
Marriages	181,000	172,000	9.5	9.1	2,308,000	2,238,000	10.9	10.7	2,508,000	2,433,000	10.8	10.5	10.6
Divorces	95,000	95,000	5.0	5.0	1,075,000	1,111,000	5.1	5.3	1,183,000	1,219,000	5.1	5.3	5.2
Infant deaths	3,300	3,500	10.9	11.9	37,800	39,200	11.2	11.8	41,400	43,000	11.2	11.8	12.6
Population base (in millions)	...	...	232.3	230.2	...	...	...	...	...	...	231.3	229.1	226.9

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES — Public Health Service

HE 20.6217:

Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Natural Increase

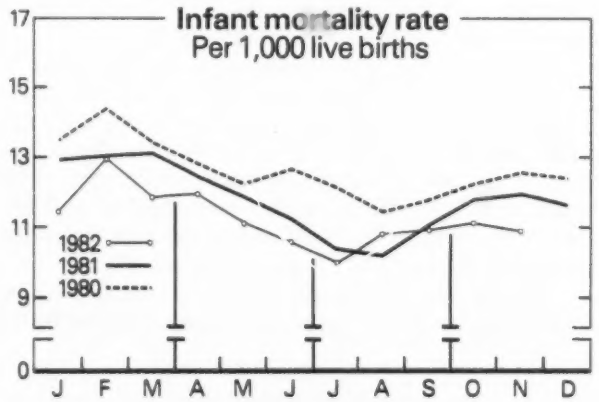
An estimated 143,000 persons were added to the population in November 1982 as a result of natural increase, the excess of births over deaths. The rate of natural increase for the first 11 months of 1982 was 7.5 persons per 1,000 population, 4 percent higher than the rate for the comparable period ending with November 1981 (7.2). This increase was due principally to the decline in the death rate.

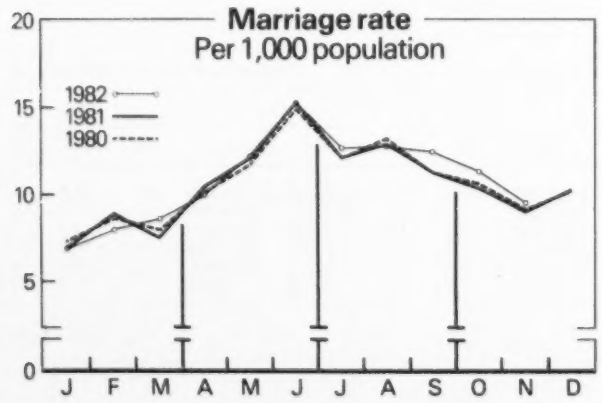
Marriages

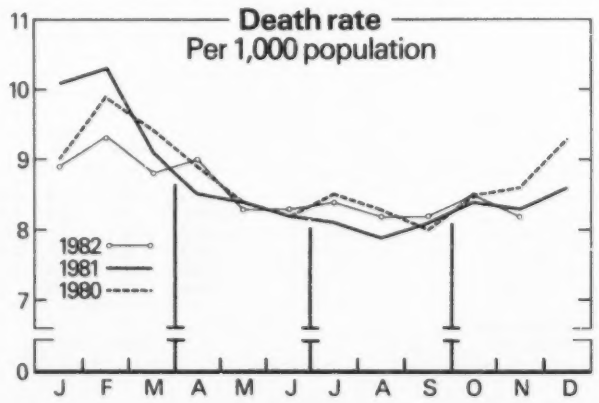
Marriages are up in both number and rate. There were 181,000 marriages reported in November 1982. The marriage rate was 9.5 per 1,000 population, 4 percent above the rate for November 1981.

From January through November 1982 a total of 2,308,000 marriages were performed, 3 percent more than during the comparable period in 1981. The rate for this period in 1982 was 10.9 per 1,000 population compared with 10.7 for the January through November period in 1981.

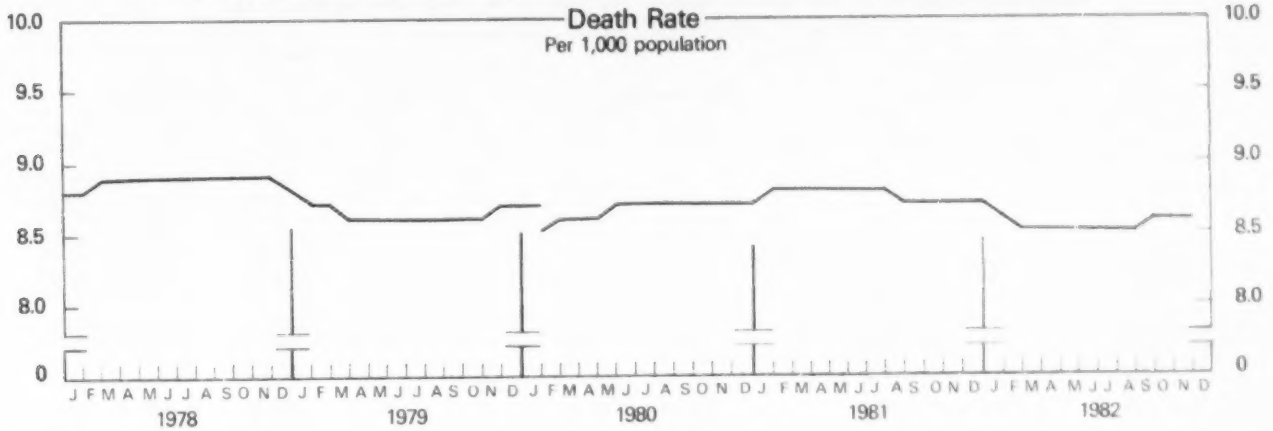
In the 12 months ending with November 1982, 2,508,000 marriages were reported. This represents an increase of 75,000 (3 percent) over the total for the 12 months ending with November 1981. The 12-month marriage rate was 10.8 per 1,000 population, 2 percent above the rate for the comparable period a year earlier.







Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

In November 1982 an estimated 95,000 divorces were reported. The divorce rate was 5.0 per 1,000 population, the same as in November 1981. Cumulatively in 1982 there were 1,075,000 divorces, 3 percent fewer than the total for the January through November period in 1981. The rate was 5.1 per 1,000 population compared with 5.3 for the January through November period in 1981.

In the 12 months ending with November 1982 there were 1,183,000 divorces, 36,000 (3 percent) less than in the 12 months ending with November 1981. The 12-month divorce rate was 5.1 per 1,000 population, down from 5.3 for the 12 months ending with November 1981.

Deaths

For November 1982 the provisional count of deaths totaled 157,000 amounting to a rate of 8.2 deaths per 1,000 population. This rate was 1 percent lower than the rate of 8.3 for November 1981. Among the 157,000 deaths for November 1982 were 3,300 deaths at ages under 1 year, yielding an infant mortality rate of 10.9 deaths per 1,000 live births. This rate was 8 percent lower than the infant mortality rate of 11.9 for November 1981.

The provisional death rate for the 12 months ending with October 1982 (8.6 deaths per 1,000 population) was 1 percent lower than the rate for the 12 months ending with October 1981 (8.7). The estimated death rate decreased 2 percent for males

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, November 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	November		January-November			November		January-November		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	13,745	[a]12,829	145,235	[a]150,050	[a]145,539	9,200	[a]6,665	105,595	[a]99,870	[a]104,850
Maine	1,498	1,244	14,977	15,123	14,744	893	820	11,662	11,673	13,256
New Hampshire	1,280	[a]953	12,889	[a]12,339	[a]12,717	687	[a]734	9,363	[a]9,240	[a]8,734
Vermont	831	630	7,215	7,120	6,865	417	367	5,360	4,893	4,770
Massachusetts	6,053	5,085	69,664	69,265	68,205	5,094	2,501	46,435	42,531	47,001
Rhode Island	1,030	1,033	11,994	11,740	11,488	498	521	7,507	7,222	6,743
Connecticut	3,053	3,884	28,496	34,463	31,520	1,611	[a]1,722	25,268	[a]24,111	[a]24,346
Middle Atlantic	38,475	[a]39,325	466,607	[a]456,658	443,902	24,402	27,545	292,714	279,535	269,907
New York[1]	17,762	18,588	229,461	223,975	213,925	11,963	15,298	149,739	140,310	129,033
New Jersey	7,214	[a]7,589	87,176	[a]84,746	82,362	4,093	4,567	56,100	54,192	51,413
Pennsylvania	13,499	13,148	149,970	147,937	147,615	8,346	7,680	86,875	85,033	89,461
East North Central	50,086	48,814	587,066	594,791	608,604	30,632	27,545	362,823	362,102	368,357
Ohio	11,921	12,479	149,516	153,811	155,979	7,655	7,602	94,859	91,562	92,591
Indiana	6,454	6,498	76,303	77,549	81,043	4,173	3,806	52,259	51,846	53,952
Illinois	15,239	13,971	165,580	166,381	170,717	8,125	7,707	99,542	101,093	101,982
Michigan	10,673	10,476	125,433	128,337	131,056	7,409	5,761	76,120	78,352	80,626
Wisconsin	5,798	5,390	70,234	68,713	69,809	3,270	2,669	40,043	39,249	39,206
West North Central	21,724	24,008	261,386	263,590	[a]265,977	12,551	12,666	163,929	162,710	[a]161,717
Minnesota	4,454	5,518	60,832	61,500	[a]62,461	2,362	2,221	35,387	35,693	[a]35,389
Iowa	3,636	3,708	41,830	42,792	44,230	1,958	1,951	25,540	25,392	25,688
Missouri	6,007	7,569	72,886	73,040	74,046	4,369	4,744	51,404	50,289	50,708
North Dakota	1,165	1,025	12,529	12,294	11,863	436	420	5,819	5,752	5,680
South Dakota	995	989	11,774	11,689	11,792	563	540	7,803	8,034	8,229
Nebraska	1,970	1,927	24,769	25,278	25,594	769	893	13,192	13,459	13,063
Kansas	3,497	3,272	36,766	36,997	35,991	2,094	1,897	24,784	24,091	22,960
South Atlantic	44,250	43,855	514,915	501,685	499,426	32,154	[a]30,565	396,090	[a]386,160	379,454
Delaware	711	778	8,604	8,588	8,792	384	320	4,486	4,255	4,132
Maryland	4,552	4,429	52,180	49,538	47,746	3,500	3,368	44,029	43,321	42,566
District of Columbia	1,280	1,856	16,631	16,296	16,185	401	323	5,311	4,921	4,793
Virginia	6,086	6,308	71,760	70,111	68,680	4,534	4,539	57,296	56,667	55,508
West Virginia	2,408	2,028	26,073	26,297	27,682	1,155	1,186	15,212	15,265	15,993
North Carolina	6,947	6,748	79,284	77,141	78,028	3,471	3,404	46,629	43,930	42,462
South Carolina	3,828	3,898	45,204	45,226	45,616	4,163	4,259	48,996	49,852	49,539
Georgia	6,217	5,917	83,463	82,845	86,533	6,092	[a]5,359	68,684	[a]66,425	64,937
Florida	12,221	11,893	131,716	125,643	120,164	8,454	7,807	105,447	101,524	99,874
East South Central	18,470	19,516	216,366	218,200	224,125	13,100	[a]12,032	156,018	[a]155,386	155,970
Kentucky	4,725	4,841	53,221	53,827	55,432	3,062	2,595	32,477	31,794	31,942
Tennessee	5,679	5,773	65,189	65,613	67,213	4,271	4,503	53,722	54,845	53,783
Alabama	4,565	5,237	56,298	56,837	57,926	3,701	[a]2,889	44,672	[a]43,820	44,806
Mississippi	3,501	3,665	41,658	41,923	43,554	2,066	2,045	25,147	24,927	25,439
West South Central	39,623	36,510	444,077	413,169	386,485	24,848	22,757	298,653	280,747	276,152
Arkansas	2,894	2,462	30,860	32,026	34,100	2,072	1,964	25,350	24,113	22,931
Louisiana	7,244	6,787	79,658	75,593	73,534	3,805	3,459	40,379	40,532	38,005
Oklahoma	4,906	4,229	50,709	46,462	46,331	3,581	3,623	43,795	43,471	42,098
Texas	24,579	23,032	282,850	259,088	232,520	15,390	13,711	189,129	172,631	173,118
Mountain	18,290	19,143	213,343	212,247	207,261	[2]9,142	[2]9,371	[2]119,883	[2]122,004	222,268
Montana	1,103	1,112	13,167	12,851	12,807	493	528	7,594	7,603	7,671
Idaho	1,429	1,545	17,697	17,749	17,806	1,005	1,065	12,878	13,150	11,990
Wyoming	780	756	9,169	9,375	8,642	458	603	6,131	6,488	6,112
Colorado	4,518	4,008	50,414	47,674	45,573	2,346	2,168	33,794	33,845	31,541
New Mexico[3]	1,468	2,007	22,360	25,930	23,961	1,304	1,285	15,861	15,416	14,833
Arizona[4]	4,581	4,694	48,263	46,999	45,856	2,038	2,264	26,355	28,707	27,179
Utah	3,504	3,427	40,236	38,878	40,342	1,498	1,458	17,270	16,795	15,695
Nevada	907	1,594	12,037	12,791	12,274	---	---	---	---	107,247
Pacific	52,936	45,662	506,267	512,617	492,290	25,126	24,332	301,848	278,930	[a]281,025
Washington	13,184	8,750	59,177	66,501	62,176	3,332	3,336	43,427	45,179	42,413
Oregon	3,179	3,454	38,759	40,803	40,611	1,721	1,607	21,993	20,617	21,159
California	[5]34,146	[5]31,180	381,111	379,422	364,039	18,559	18,018	218,465	196,544	[a]201,847
Alaska	963	735	10,068	9,150	8,568	474	390	5,679	5,268	[a]4,749
Hawaii	1,464	1,543	17,152	16,741	16,896	1,040	981	12,284	11,322	10,857
New York City[3]	8,391	9,161	101,850	99,065	97,406	5,328	4,808	64,003	59,089	56,005
Puerto Rico	4,605	4,544	52,091	56,546	---	1,887	1,835	23,423	25,118	---

[1] Includes figures shown below for New York City.
[2] Excludes figures for Nevada.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 4-week reporting period.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, November 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported, see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	November		January-November			November		January-November		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	7,666	8,335	102,423	99,726	[a]103,108	161	108	1,649	1,355	1,468
Maine	956	799	9,320	9,410	9,905	15	13	141	138	126
New Hampshire	538	614	6,830	6,999	[a]6,907	8	14	114	109	101
Vermont	477	374	4,229	4,130	3,943	11	6	57	57	55
Massachusetts	2,845	3,686	50,535	47,099	49,706	68	23	829	595	736
Rhode Island	801	741	8,324	8,520	8,617	12	14	134	156	140
Connecticut	2,049	2,121	23,185	23,568	24,030	47	38	374	300	310
Middle Atlantic	28,124	[a]28,104	321,038	[a]325,552	321,575	382	[a]448	5,153	[a]5,495	5,922
New York[1]	13,170	12,681	152,796	155,048	152,590	226	[a]214	2,876	[a]2,820	2,951
New Jersey	5,164	[a]5,400	59,735	[a]60,995	57,896	55	[a]98	900	[a]978	988
Pennsylvania	9,790	10,023	108,507	109,509	111,089	101	136	1,377	1,697	1,983
East North Central	28,484	28,753	323,083	328,594	[a]328,323	570	659	6,538	7,120	[a]7,535
Ohio	7,373	7,403	85,410	89,025	89,269	122	174	1,567	1,730	1,881
Indiana	3,973	3,759	42,737	43,708	42,748	67	90	850	914	920
Illinois	7,802	8,159	88,666	90,054	[a]90,902	211	207	2,150	2,236	[a]2,455
Michigan	6,078	6,070	68,018	68,566	67,296	121	122	1,460	1,662	1,638
Wisconsin	3,259	3,362	38,252	37,241	[a]38,108	49	66	511	578	[a]641
West North Central	12,583	13,481	143,929	143,243	[a]144,824	238	250	2,703	2,963	[a]3,039
Minnesota	2,615	2,805	30,317	29,361	[a]30,091	54	46	560	631	[a]623
Iowa	2,243	2,081	24,403	24,419	24,425	34	33	358	406	494
Missouri	3,754	4,855	45,191	45,999	46,155	78	95	915	1,042	1,040
North Dakota	452	478	5,209	5,302	5,339	16	8	160	164	141
South Dakota	528	509	5,971	5,718	5,866	5	12	95	117	107
Nebraska	1,145	1,086	13,274	13,250	13,304	18	15	257	241	288
Kansas	1,846	1,667	19,564	19,194	19,644	33	41	358	362	346
South Atlantic	26,877	[a]25,911	304,856	[a]310,299	301,744	605	[a]600	6,679	[a]6,943	[a]7,125
Delaware	447	421	4,695	4,729	4,719	18	6	100	101	117
Maryland	2,754	2,698	30,306	30,461	29,925	48	63	539	533	[a]564
District of Columbia	689	[a]682	7,700	[a]8,102	8,264	35	[a]46	380	[a]431	495
Virginia	3,440	3,482	37,785	37,883	38,061	77	78	860	860	895
West Virginia	1,553	1,342	17,386	17,607	17,451	27	32	281	361	360
North Carolina	3,955	3,870	44,624	45,308	44,640	88	91	1,087	1,052	1,141
South Carolina	2,029	2,027	22,191	22,339	22,068	76	64	699	697	686
Georgia	2,918	2,633	40,407	43,089	39,746	75	67	1,038	1,228	1,120
Florida	9,092	8,756	99,762	100,781	96,870	161	153	1,695	1,680	1,747
East South Central	11,079	10,616	122,748	123,937	123,012	248	254	2,947	2,944	3,179
Kentucky	2,951	2,796	30,273	30,941	30,371	54	50	604	603	653
Tennessee	3,417	3,253	39,407	39,304	39,217	78	83	896	966	963
Alabama	2,723	2,713	32,046	32,498	32,484	64	63	815	753	868
Mississippi	1,988	1,854	21,022	21,194	20,940	52	58	632	622	695
West South Central	16,234	15,408	186,362	182,096	177,065	494	538	5,113	5,177	4,911
Arkansas	1,809	1,751	20,362	20,156	20,690	30	34	306	354	395
Louisiana	2,764	2,991	33,347	33,575	32,892	89	94	1,026	1,034	1,123
Oklahoma	2,306	2,302	26,086	25,388	25,911	65	43	569	537	492
Texas	9,355	8,364	106,567	102,977	97,572	310	367	3,212	3,252	[illegible]
Mountain	6,628	7,181	75,769	75,909	73,780	183	[a]202	2,133	[illegible]	2,310
Montana	544	542	5,981	6,113	6,022	6	8	87	115	128
Idaho	526	566	6,058	6,084	5,841	16	12	159	124	129
Wyoming	233	238	2,791	2,732	2,777	12	5	59	62	59
Colorado	1,561	1,746	18,451	18,249	17,711	42	35	509	516	516
New Mexico	452	994	7,121	8,372	8,219	8	[a]19	203	[a]233	245
Arizona	1,808	1,751	20,831	20,501	19,741	30	56	499	590	627
Utah	813	782	8,350	7,857	7,710	52	51	476	406	467
Nevada	691	562	6,186	6,001	5,759	17	16	141	141	139
Pacific	17,928	18,565	225,769	227,468	228,267	368	424	5,061	5,165	[a]5,667
Washington	2,488	1,956	30,118	30,047	28,495	44	28	578	503	673
Oregon	1,812	1,776	19,688	20,010	19,867	32	47	418	468	514
California	[2]13,027	[2]14,267	169,304	170,896	173,603	[2]272	[2]326	3,792	3,890	[a]4,202
Alaska	143	125	1,608	1,665	1,537	12	13	113	127	[a]99
Hawaii	458	441	5,051	4,850	4,765	8	10	160	177	[a]179
New York City	6,099	5,575	66,463	66,859	68,608	121	122	1,557	1,554	1,565
Puerto Rico	1,422	1,270	16,460	16,590	...	60	26	865	928	...

[1] Includes figures shown below for New York City.
[2] Figure is for a 4-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, November 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported, see Technical notes]

Area	November		January-November		
	1982	1981	1982	1981	1980
Total, 49 areas	89,955	[a]90,494	1,018,456	[a]1,055,389	[a]1,013,236
Alabama	2,377	[a]1,700	23,268	[a]24,849	24,683
Alaska	238	243	3,279	3,255	[a]3,139
Arizona	1,664	1,796	18,563	19,122	18,225
Arkansas	1,331	1,632	14,538	17,034	[a]19,941
California	9,386	10,271	122,768	120,357	[a]120,234
Colorado	1,488	1,864	15,966	17,040	16,334
Connecticut	984	990	9,888	10,951	[a]10,824
Delaware	281	131	2,892	2,389	2,078
District of Columbia	266	[a]301	3,174	[a]3,483	3,231
Florida	5,509	6,052	65,091	68,912	65,047
Georgia	2,808	[a]2,614	31,428	[a]33,236	31,208
Hawaii	280	334	3,820	3,868	4,044
Idaho	508	675	5,807	6,152	5,959
Illinois	3,570	3,783	44,920	48,202	46,190
Iowa	1,037	1,008	10,014	10,995	10,695
Kansas	1,025	989	11,659	13,233	11,993
Kentucky	1,402	1,306	15,073	16,131	15,621
Maine	492	554	5,379	5,794	5,624
Maryland	1,384	1,366	13,527	14,230	14,594
Massachusetts	869	1,372	19,344	18,234	15,135
Michigan	5,919	2,652	36,206	41,788	37,302
Minnesota	1,146	1,185	13,152	14,460	[a]13,611
Mississippi	1,003	1,036	12,051	12,027	12,243
Missouri	2,033	2,585	24,532	25,551	25,306
Montana	380	378	4,238	4,569	4,534
Nebraska	520	501	5,968	6,231	5,908
Nevada	1,003	1,093	11,127	10,988	12,438
New Hampshire	342	[a]218	4,488	[a]4,417	[a]4,749
New Jersey	2,040	1,833	26,066	[a]26,036	23,334
New Mexico[1]	712	769	8,729	9,666	[a]9,678
New York	4,651	5,302	56,976	58,094	50,834
North Carolina	2,488	2,425	27,123	27,239	25,617
North Dakota	184	202	2,025	2,106	1,930
Ohio	3,855	4,804	48,541	53,546	52,650
Oklahoma	1,908	1,850	22,063	23,071	22,221
Oregon	1,293	1,438	15,161	16,171	16,254
Pennsylvania	3,158	3,257	34,891	35,101	31,916
Rhode Island	235	222	3,286	3,159	3,339
South Carolina	1,083	1,238	12,580	12,984	12,561
South Dakota	188	194	2,374	2,510	2,559
Tennessee	2,614	2,517	27,629	29,202	27,093
Texas	8,035	8,197	93,059	89,695	87,760
Utah	728	698	7,561	7,470	7,212
Vermont	211	100	2,318	2,104	2,157
Virginia	2,340	2,084	23,391	22,516	21,248
Washington	2,200	2,080	24,907	26,327	25,046
West Virginia	684	884	9,192	10,151	9,025
Wisconsin	1,756	1,450	14,817	16,920	16,295
Wyoming	347	321	3,607	3,823	3,617

[1] Figures include estimates for some counties.
[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, November 1981-November 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981:								
November	291,000	15.4	65.4	66.2	172,000	9.1	38.7	42.6
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982:								
January	[a]312,000	[a]16.0	[a]67.8	[a]69.6	[a]133,000	[a]6.8	[a]28.9	[a]43.6
February	[a]282,000	[a]15.9	[a]67.7	[a]68.3	[a]141,000	[a]8.0	[a]33.9	[a]44.2
March	297,000	[a]15.2	[a]64.4	[a]65.5	168,000	8.6	36.4	44.6
April	287,000	15.1	[a]64.0	[a]67.5	191,000	10.0	42.6	44.7
May	304,000	15.5	65.7	[a]68.1	239,000	12.2	51.7	49.1
June	[a]301,000	[a]15.9	[a]67.2	[a]68.2	290,000	15.3	64.8	46.2
July	338,000	17.2	72.8	69.3	250,000	12.7	53.8	46.2
August	322,000	16.4	69.3	65.3	252,000	12.8	54.2	43.6
September	316,000	16.6	70.2	65.9	238,000	12.5	52.9	47.1
October	324,000	16.4	69.6	68.6	225,000	11.4	48.3	49.9
November	300,000	15.7	67.2	68.6	181,000	9.5	40.4	44.5

[1] The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a] Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, October 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with October 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	October				January-October				12 months ending with October			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All races	15,468	8.5	16,368	8.4	163,759	8.6	164,462	8.7	196,494	8.6	197,969	8.7
Male	8,314	9.4	8,715	9.2	87,804	9.5	88,661	9.6	105,424	9.5	106,706	9.7
Female	7,154	7.6	7,653	7.6	75,955	7.7	75,801	7.8	91,070	7.7	91,263	7.8
White	13,509	8.7	14,314	8.6	143,294	8.8	143,969	8.9	171,994	8.8	173,250	8.9
Male	7,220	9.5	7,586	9.3	76,203	9.6	77,190	9.8	91,534	9.6	92,823	9.8
Female	6,289	7.9	6,728	7.9	67,091	8.0	66,779	8.0	80,460	8.0	80,427	8.1
All other	1,959	7.4	2,054	7.3	20,465	7.4	20,493	7.5	24,500	7.4	24,719	7.6
Male	1,094	8.6	1,129	8.4	11,601	8.8	11,471	8.9	13,890	8.8	13,883	9.0
Female	865	6.2	925	6.3	8,864	6.1	9,022	6.3	10,610	6.1	10,836	6.4
Black	1,796	8.2	...	...	18,797	8.2	...	...	...	...	...	...
Male	995	9.6	...	...	10,586	9.9	...	...	...	...	...	...
Female	801	7.0	...	...	8,211	6.8	...	...	...	...	...	...
Under 1 year	321	11.1	402	13.0	3,448	11.4	3,567	12.0	4,175	11.6	4,308	12.1
1-14 years	143	0.4	168	0.4	1,455	0.4	1,565	0.4	1,729	0.4	1,864	0.4
15-24 years	352	1.1	364	1.0	3,594	1.0	3,705	1.1	4,311	1.0	4,430	1.1
25-34 years	381	1.2	447	1.4	4,167	1.3	4,366	1.4	5,024	1.3	5,123	1.3
35-44 years	470	2.1	511	2.2	4,835	2.1	4,962	2.3	5,836	2.1	5,899	2.3
45-54 years	994	5.6	1,061	5.5	10,369	5.6	10,904	5.8	12,405	5.6	13,180	5.9
55-64 years	2,220	12.8	2,407	12.9	23,599	12.9	24,315	13.4	28,391	13.0	29,191	13.5
65-74 years	3,638	28.6	3,745	27.6	38,468	28.9	38,700	29.6	46,133	28.9	46,467	29.7
75-84 years	4,068	62.2	4,183	61.1	43,118	63.6	42,454	64.6	51,653	63.6	51,321	65.3
85 years and over	2,875	145.3	3,064	149.4	30,640	150.1	29,845	153.5	36,750	150.2	36,093	155.1
Not stated	6	...	16	...	66	...	79	...	87	...	93	...

[1] Figures for Pennsylvania are not included in the October sample for 1982.

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, October 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with October 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		October				January-October				12 months ending with October			
		1982		1981		1982		1981		1982		1981	
		Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
All causes		15,468	847.6	16,368	844.4	163,759	857.9	164,462	870.5	196,494	856.0	197,969	873.5
Shigellosis and amebiasis	004,006	-	-	1	0.1	2	0.0	1	0.0	4	0.0	1	0.0
Certain other intestinal infections	007-009	3	0.2	4	0.2	26	0.1	31	0.2	34	0.1	37	0.2
Tuberculosis	010-018	12	0.7	17	0.9	163	0.9	148	0.8	193	0.8	187	0.8
Tuberculosis of respiratory system	010-012	10	0.5	14	0.7	139	0.7	124	0.7	165	0.7	161	0.7
Other tuberculosis	013-018	2	0.1	3	0.2	24	0.1	24	0.1	28	0.1	26	0.1
Whooping cough	033	-	-	-	-	-	-	1	0.0	-	-	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034,035					4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	3	0.2	9	0.5	34	0.2	56	0.3	38	0.2	58	0.3
Septicemia	038	99	5.4	91	4.7	909	4.8	825	4.4	1,090	4.7	982	4.3
Acute poliomyelitis	045	-	-	-	-	3	0.0	3	0.0	3	0.0	4	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis	070	4	0.2	7	0.4	67	0.4	68	0.4	75	0.3	84	0.4
Syphilis	090-097	1	0.1	-	-	6	0.0	14	0.1	11	0.0	15	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	38	2.1	31	1.6	332	1.7	339	1.8	402	1.8	413	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,433	188.1	3,603	185.9	36,057	188.9	35,118	185.9	42,888	186.8	42,003	185.3
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	63	3.5	59	3.0	702	3.7	688	3.6	829	3.6	822	3.6
Malignant neoplasms of digestive organs and peritoneum	150-159	894	49.0	954	49.2	9,287	48.7	9,263	49.0	11,032	48.1	11,048	48.7
Malignant neoplasms of respiratory and intrathoracic organs	160-165	965	52.9	931	48.0	9,548	50.0	9,289	49.2	11,380	49.6	11,059	48.8
Malignant neoplasm of breast	174-175	286	15.7	333	17.2	3,101	16.2	3,035	16.1	3,722	16.2	3,622	16.0
Malignant neoplasms of genital organs	179-187	365	20.0	402	20.7	3,948	20.7	3,789	20.1	4,720	20.6	4,548	20.1
Malignant neoplasms of urinary organs	188-189	146	8.0	151	7.8	1,554	8.1	1,462	7.7	1,850	8.1	1,766	7.8
Malignant neoplasms of all other and unspecified sites	170-173,190-199	423	23.2	437	22.5	4,653	24.4	4,467	23.6	5,519	24.0	5,363	23.7
Leukemia	204-208	131	7.2	142	7.3	1,389	7.3	1,296	6.9	1,646	7.2	1,576	7.0
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	160	8.8	194	10.0	1,875	9.8	1,829	9.7	2,190	9.5	2,199	9.7
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	54	3.0	48	2.5	616	3.2	564	3.0	735	3.2	669	3.0
Diabetes mellitus	250	233	12.8	311	16.0	2,694	14.1	2,850	15.1	3,285	14.3	3,416	15.1
Nutritional deficiencies	260-269	12	0.7	15	0.8	207	1.1	178	0.9	230	1.0	222	1.0
Anemias	280-285	29	1.6	35	1.8	265	1.4	300	1.6	316	1.4	357	1.6
Meningitis	320-322	9	0.5	11	0.6	105	0.6	104	0.6	127	0.6	128	0.6
Major cardiovascular diseases	390-448	7,553	413.9	7,939	409.6	80,018	419.2	80,449	425.8	96,345	419.7	97,336	429.5
Diseases of heart	390-398,402,404-429	5,853	320.7	6,115	315.5	62,399	326.9	62,349	330.0	75,083	327.1	75,375	332.6
Rheumatic fever and rheumatic heart disease	390-398	51	2.8	45	2.3	565	3.0	644	3.4	687	3.0	787	3.5
Hypertensive heart disease	402	161	8.8	189	9.8	1,691	8.9	1,691	9.0	2,068	9.0	2,045	9.0
Hypertensive heart and renal disease	404	18	1.0	33	1.7	237	1.2	259	1.4	280	1.2	305	1.3
Ischemic heart disease	410-414	4,334	237.5	4,524	233.4	45,658	239.2	46,071	243.9	54,914	239.2	55,705	245.8
Acute myocardial infarction	410	2,279	124.9	2,345	121.0	23,855	125.0	24,080	127.5	28,716	125.1	29,212	128.9
Other acute and subacute forms of ischemic heart disease	411	32	1.8	36	1.9	379	2.0	348	1.8	463	2.0	414	1.8
Angina pectoris	413	5	0.3	1	0.1	33	0.2	39	0.2	39	0.2	45	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,018	110.6	2,142	110.5	21,391	112.1	21,604	114.4	25,696	111.9	26,034	114.9
Other diseases of endocardium	424	53	2.9	56	2.9	610	3.2	578	3.1	718	3.1	684	3.0
All other forms of heart disease	415-423,425-429	1,236	67.7	1,268	65.4	13,638	71.4	13,106	69.4	16,416	71.5	15,849	69.9
Hypertension with or without renal disease	401,403	49	2.7	64	3.3	618	3.2	664	3.5	731	3.2	790	3.5
Cerebrovascular diseases	430-438	1,267	69.4	1,356	70.0	13,203	69.2	13,447	71.2	15,962	69.5	16,331	72.1
Intracerebral and other intracranial hemorrhage	431-432	159	8.7	164	8.5	1,660	8.7	1,646	8.7	2,016	8.8	1,979	8.7
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	213	11.7	256	13.2	2,371	12.4	2,536	13.4	2,909	12.7	3,125	13.8
Cerebral embolism	434.1	5	0.3	10	0.5	65	0.3	56	0.3	83	0.4	64	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	890	48.8	926	47.8	9,107	47.7	9,209	48.7	10,954	47.7	11,163	49.3
Atherosclerosis	440	210	11.5	254	13.1	2,168	11.4	2,404	12.7	2,610	11.4	2,928	12.9
Other diseases of arteries, arterioles, and capillaries	441-448	174	9.5	150	7.7	1,630	8.5	1,585	8.4	1,959	8.5	1,912	8.4

Acute bronchitis and bronchiolitis	466	2	0.1	1	0.1	36	0.2	52	0.3	46	0.2	57	0.3
Pneumonia and influenza	480-487	350	19.2	375	19.3	4,039	21.2	4,589	24.3	4,838	21.1	5,500	24.3
Pneumonia	480-486	346	19.0	373	19.2	3,970	20.8	4,283	22.7	4,758	20.7	5,149	22.7
Influenza	487	4	0.2	2	0.1	69	0.4	306	1.6	80	0.3	351	1.5
Chronic obstructive pulmonary diseases and allied conditions	490-496	448	24.5	422	21.8	4,955	26.0	5,010	26.5	5,872	25.6	5,998	26.5
Bronchitis, chronic and unspecified	490-491	30	1.6	26	1.3	297	1.6	316	1.7	370	1.6	389	1.7
Emphysema	492	83	4.5	95	4.9	1,052	5.5	1,129	6.0	1,266	5.5	1,361	6.0
Asthma	493	25	1.4	22	1.1	246	1.3	264	1.4	294	1.3	307	1.4
Other chronic obstructive pulmonary diseases and allied conditions	494-496	310	17.0	279	14.4	3,360	17.6	3,301	17.5	3,942	17.2	3,941	17.4
Ulcer of stomach and duodenum	531-533	50	2.7	64	3.3	558	2.9	552	2.9	692	3.0	665	2.9
Appendicitis	540-543	2	0.1	4	0.2	38	0.2	58	0.3	48	0.2	67	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	37	2.0	34	1.8	409	2.1	394	2.1	491	2.1	482	2.1
Chronic liver disease and cirrhosis	571	225	12.3	270	13.9	2,239	11.7	2,467	13.1	2,693	11.7	2,995	13.2
Cholelithiasis and other disorders of gallbladder	574-575	18	1.0	24	1.2	234	1.2	247	1.3	279	1.2	295	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	145	7.9	127	6.6	1,529	8.0	1,439	7.6	1,826	8.0	1,716	7.6
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	3	0.2	25	0.1	21	0.1	32	0.1	29	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	13	0.7	11	0.6	144	0.8	143	0.8	174	0.8	183	0.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	130	7.1	113	5.8	1,360	7.1	1,275	6.7	1,620	7.1	1,504	6.6
Infections of kidney	590	25	1.4	24	1.2	178	0.9	205	1.1	214	0.9	250	1.1
Hyperplasia of prostate	600	3	0.2	8	0.4	42	0.2	44	0.2	51	0.2	63	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	3	0.2	3	0.2	27	0.1	27	0.1	34	0.1	33	0.1
Pregnancy with abortive outcome	630-638	-	-	-	-	6	0.0	3	0.0	8	0.0	3	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	3	0.2	3	0.2	21	0.1	24	0.1	26	0.1	30	0.1
Congenital anomalies	740-759	103	5.6	106	5.5	1,085	5.7	1,095	5.8	1,315	5.7	1,300	5.7
Certain conditions originating in the perinatal period	760-779	163	8.9	205	10.6	1,721	9.0	1,770	9.4	2,067	9.0	2,127	9.4
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	48	2.6	56	2.9	498	2.6	554	2.9	601	2.6	679	3.0
Other conditions originating in the perinatal period	760-766,770-779	115	6.3	149	7.7	1,223	6.4	1,216	6.4	1,466	6.4	1,448	6.4
Symptoms, signs, and ill-defined conditions	780-799	296	16.2	316	16.3	3,185	16.7	3,117	16.5	3,816	16.6	3,736	16.5
All other diseases	Residual	932	51.1	991	51.1	9,833	51.5	9,625	50.9	11,827	51.5	11,553	51.0
Accidents and adverse effects	E800-E949	775	42.5	845	43.6	7,850	41.1	8,340	44.1	9,444	41.1	9,948	43.9
Motor vehicle accidents	E810-E825	412	22.6	441	22.8	3,731	19.5	4,202	22.2	4,530	19.7	5,032	22.2
All other accidents and adverse effects	E800-E807,E826-E949	363	19.9	404	20.8	4,119	21.6	4,138	21.9	4,914	21.4	4,916	21.7
Suicide	E950-E959	198	10.8	208	10.7	2,237	11.7	2,161	11.4	2,684	11.7	2,597	11.5
Homicide and legal intervention	E960-E978	191	10.5	194	10.0	1,833	9.6	1,957	10.4	2,207	9.6	2,364	10.4
All other external causes	E980-E999	19	1.0	25	1.3	223	1.2	263	1.4	270	1.2	309	1.4

[1] Figures for Pennsylvania are not included in the October sample for 1982.

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, October 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with October 1981 and 1982

[Rates on an annual basis per 1,000 live births adjusted for changing numbers of births. For method of computation, see Technical notes]

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	October				January–October				12 months ending with October			
	1982		1981		1982		1981		1982		1981	
	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate	Number[1]	Rate	Number	Rate
Total, under 1 year	321	11.1	402	11.7	3,448	11.2	3,567	11.8	4,175	11.3	4,308	11.8
Under 28 days	226	7.7	267	7.7	2,342	7.6	2,400	7.9	2,813	7.6	2,890	7.9
28 days to 11 months	95	3.4	135	4.1	1,106	3.6	1,167	3.9	1,362	3.7	1,418	3.9
Certain gastrointestinal diseases	3	0.1	1	0.0	21	0.1	27	0.1	24	0.1	34	0.1
Pneumonia and influenza	5	0.2	6	0.2	61	0.2	61	0.2	71	0.2	72	0.2
Congenital anomalies	60	2.1	76	2.2	727	2.4	739	2.4	878	2.4	885	2.4
Disorders relating to short gestation and unspecified low birthweight	33	1.1	36	1.0	312	1.0	321	1.0	370	1.0	385	1.1
Birth trauma	5	0.2	10	0.3	50	0.2	79	0.3	58	0.2	98	0.3
Intrauterine hypoxia and birth asphyxia	8	0.3	12	0.3	124	0.4	122	0.4	145	0.4	148	0.4
Respiratory distress syndrome	35	1.2	34	1.0	322	1.0	351	1.1	396	1.1	430	1.2
Other conditions originating in the perinatal period	82	2.8	112	3.2	898	2.9	890	2.9	1,082	2.9	1,055	2.9
Sudden infant death syndrome	30	1.1	50	1.5	374	1.2	414	1.4	455	1.2	518	1.4
All other causes	60	2.1	65	1.9	559	1.8	563	1.9	696	1.9	683	1.9
Residual												

008,009,535,555,558
480,487
740,759
765
767
768
769
760,764,766,770,779
798.0

[1] Figures for Pennsylvania are not included in the October sample for 1982

(Continued from page 3)

(from 9.7 to 9.5 deaths per 1,000 population), 1 percent for females (from 7.8 to 7.7), 1 percent for the white population (from 8.9 to 8.8), and 3 percent for the population of all other races (from 7.6 to 7.4). By age, the death rate was lower for ages under 1 year and for each age group 35-44 years and over.

The estimated death rate decreased between the two successive 12-month periods ending with October 1982 for the following causes: Diseases of heart, Cerebrovascular diseases, Chronic obstructive pulmonary diseases and allied conditions, Pneumonia and influenza, Motor vehicle accidents, Diabetes mellitus, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Infections of kidney. The estimated death rate increased between the two successive 12-month periods for Septicemia.

The 4-percent decrease in infant mortality (from 11.8 deaths per 1,000 live births for the 12 months ending with October 1981 to 11.3 for the 12 months ending with October 1982) reflects a 4-percent decrease in the rate for infants under 28 days and a 5-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 7.9 to 7.6 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 3.9 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000		0.6
50,000		0.4
100,000		0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12-months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
...	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Provisional Data from the National Center for Health Statistics

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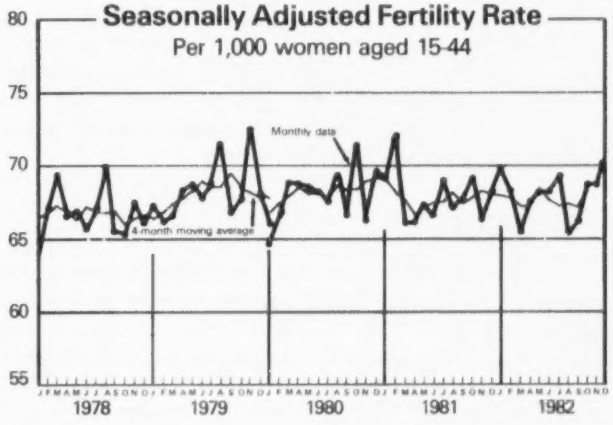
Births, Marriages, Divorces, and Deaths for 1982

The provisional totals of births, marriages, divorces, and deaths are now available for the entire year. These preliminary figures show more births and marriages and fewer divorces, deaths, and infant deaths in 1982 than in 1981.

Births

An estimated 3,704,000 babies were born in the United States during 1982, nearly 2 percent more than were born during 1981. The birth rate was 16.0 live births per 1,000 population, less than 1 percent higher than the provisional rate for 1981 (15.9). The fertility rate was 67.8 live births per 1,000 women aged 15-44 years, slightly above the 1981 rate (67.6).

The small increase in the number of births in 1982 is primarily the result of the continued growth in the number of women in the childbearing ages (1.4 percent between 1981 and 1982). According to projections prepared by the U.S. Bureau of the Census, the number of these women will increase slightly more than 1 percent annually between 1982 and 1985; the number of women aged 15-24 years has already begun to decline. Therefore, unless there are larger increases in age-specific birth rates, there will continue to be only small increases in the annual number of births. The number of women aged 15-44



Provisional Vital Statistics for the United States

[Data are subject to monthly reporting variation; see Technical notes]

Item	December				12 months ending with December			
	Number		Rate		Number		Rate	
	1982	1981	1982	1981	1982	1981	1982	1981
Live births	320,000	307,000	16.2	15.7	3,704,000	3,646,000	16.0	15.9
Deaths	177,000	169,000	8.9	8.6	1,986,000	1,987,000	8.6	8.7
Natural increase	143,000	138,000	7.3	7.1	1,718,000	1,659,000	7.4	7.2
Marriages	188,000	200,000	9.5	10.2	2,495,000	2,438,000	10.8	10.6
Divorces	105,000	108,000	5.3	5.5	1,180,000	1,219,000	5.1	5.3
Infant deaths	3,600	3,600	11.4	11.6	41,700	42,700	11.2	11.7
Population base (in millions)	...	...	232.5	230.3	...	...	231.5	229.3

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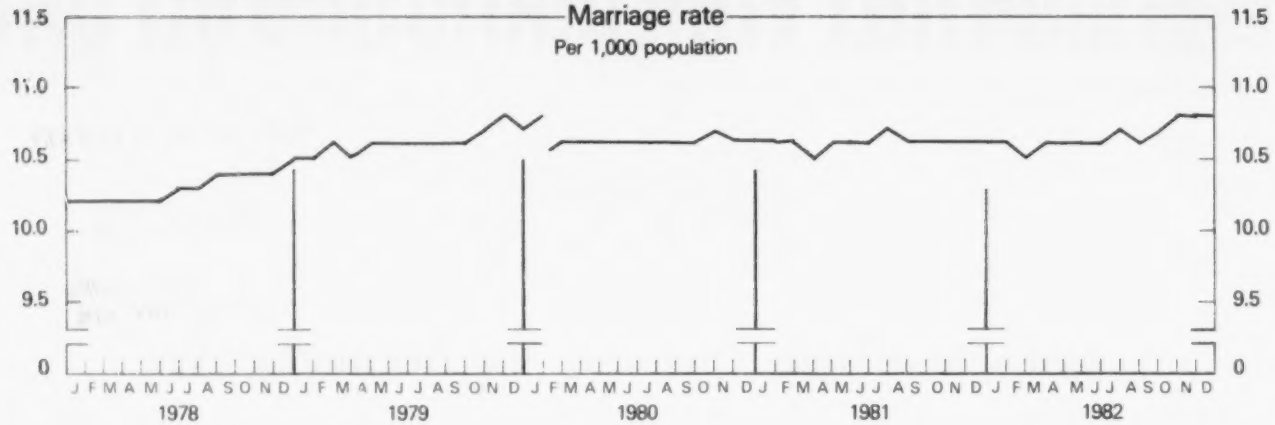
Trend: Rates for successive 12-month periods ending with each month indicated


Marriage rate
Per 1,000 population
11.5
11.0
10.5
10.0
9.5
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

years will begin to stabilize in 1986, with projected annual increases of about half of 1 percent between 1986 and 1990.

Natural Increase

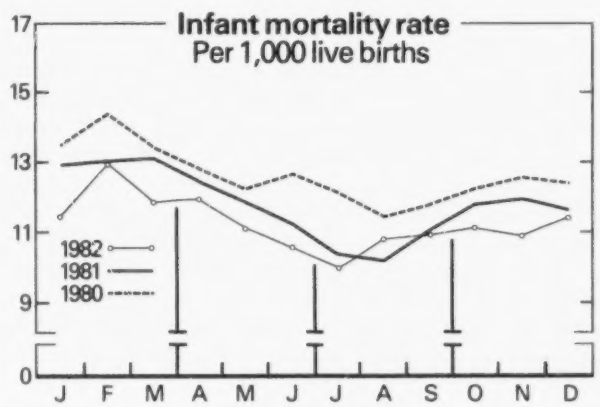
During 1982 an estimated 1,718,000 persons were added to the population as a result of natural increase, the excess of births over deaths. The rate of natural increase was 7.4 persons per 1,000 population, 3 percent higher than the rate for 1981 (7.2). This increase was due both to the increase in the birth rate and to the decline in the death rate.

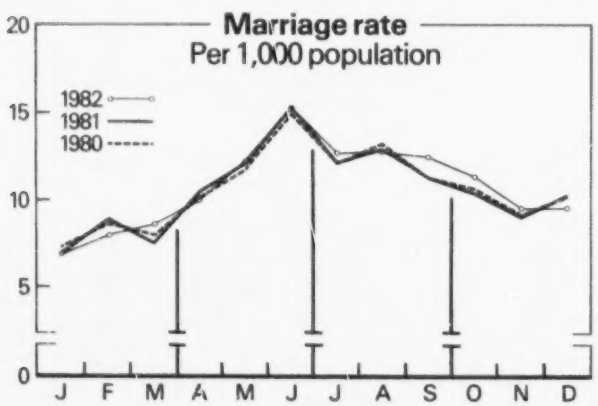
Marriages

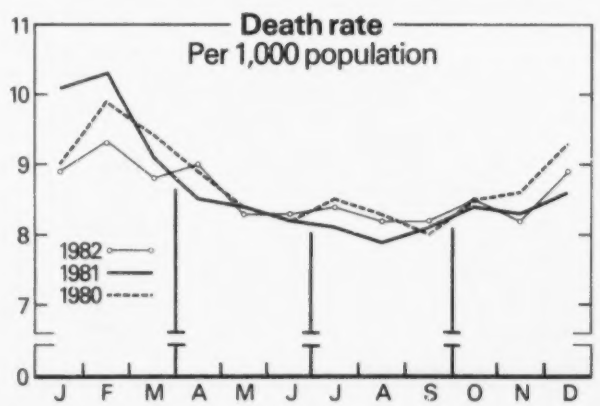
Marriages increased for the seventh consecutive year. In 1982, 2,495,000 marriages were performed, 2 percent more than in 1981 (2,438,000) and 16 percent more than in 1975, the year before this most recent increase began. Except for 1974 and 1975, the number of marriages increased every year after 1958 and reached a new national record in 1982.

The marriage rate was 10.8 per 1,000 population, 2 percent above the rate of 1981, and higher than it has been since 1973. Except for 1972 and 1973, the marriage rate has not been as high in the last 32 years.

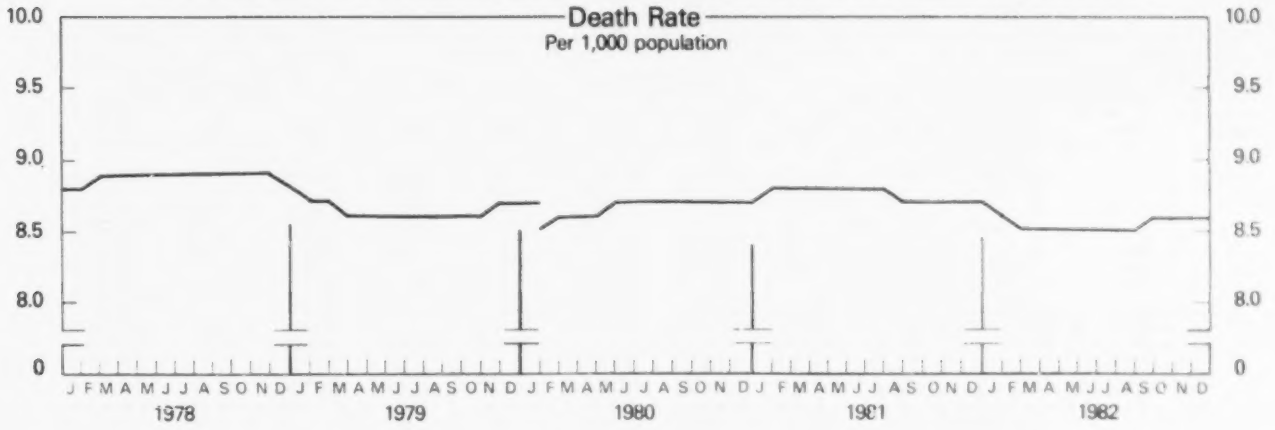
In the month of December 1982, 188,000 couples married, generating a marriage rate of 9.5 per 1,000 population.

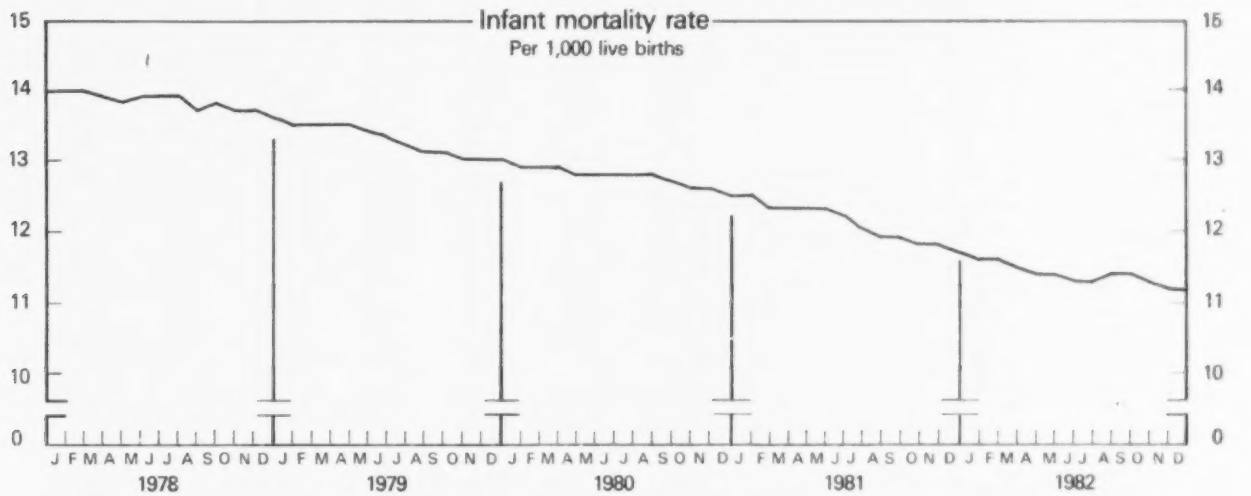






Trends: Rates for successive 12-month periods ending with each month indicated


Death Rate
Per 1,000 population
10.0
9.5
9.0
8.5
8.0
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982


Infant mortality rate
Per 1,000 live births
15
14
13
12
11
10
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1978
1979
1980
1981
1982

Divorces

In 1982, according to provisional data, the number of divorces in the United States declined for the first time since 1962. An estimated 1,180,000 couples divorced in 1982, 3 percent fewer than in 1981, and the first annual decrease in 20 years. Between 1962 and 1981 the number of divorces had almost tripled.

The divorce rate declined almost 4 percent, from 5.3 per 1,000 population in 1981 to 5.1 in 1982. The divorce rate has been rising almost steadily since 1962, increasing most rapidly during the late sixties and early seventies and slowing down as the decade ended. The rate reached a peak of 5.3 in 1979 and has fluctuated since then.

In the month of December 1982, 105,000 couples divorced, 3,000 less than in December 1981.

Deaths

The provisional count of deaths furnished by the 50 States and the District of Columbia during 1982 totaled 1,986,000, resulting in a rate of 8.6 deaths per 1,000 population. This rate was 1 percent lower than the rate of 8.7 for 1981. Among these deaths were 41,700 deaths at ages under 1 year, yielding an infant mortality rate of 11.2 deaths per 1,000 live births. This rate was 4 percent lower than the provisional infant mortality rate of 11.7 for 1981.

The provisional death rate for the 12 months ending with November 1982 (8.6 deaths per 1,000 population) was 1 percent lower than the rate for the 12 months ending with November 1981 (8.7). The

(Continued on page 10)

Table 1. Live births and marriages: each reporting area, December 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Live births					Marriages				
	December		January-December			December		January-December		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	[1]10,268	14,116	[1]126,957	164,166	[a]157,318	7,789	[a]7,547	113,390	[a]107,217	[a]110,875
Maine	1,498	1,359	16,425	16,482	16,095	874	879	12,536	12,552	14,351
New Hampshire	960	1,162	13,249	13,501	[a]13,647	653	676	10,016	9,916	[a]9,292
Vermont	557	535	7,772	7,655	7,640	330	314	5,690	5,207	5,187
Massachusetts	6,244	6,810	75,908	76,075	73,355	4,130	3,743	50,565	46,274	49,058
Rhode Island	1,009	1,109	13,003	12,849	12,512	374	317	7,881	7,539	7,120
Connecticut	---	3,141	---	37,604	34,069	1,428	[a]1,618	26,702	[a]25,729	[a]25,867
Middle Atlantic	40,343	[a]41,100	505,350	[a]497,758	484,563	22,083	[a]20,583	315,336	[a]300,118	291,649
New York[2]	19,710	18,898	249,171	242,873	232,491	12,747	9,697	162,486	150,007	141,299
New Jersey	7,719	[a]8,783	93,295	[a]93,529	91,047	3,589	[a]3,549	60,228	[a]57,741	54,956
Pennsylvania	12,914	13,419	162,884	161,356	161,025	5,747	7,337	92,622	92,370	95,394
East North Central	52,486	53,895	640,201	648,686	[a]661,318	23,668	29,411	387,416	391,513	398,600
Ohio	14,251	16,175	163,767	169,986	169,359	7,216	8,055	102,075	99,617	99,522
Indiana	7,150	7,085	83,453	84,634	87,906	4,134	3,853	56,393	55,699	57,852
Illinois	14,843	15,179	180,423	181,560	[a]186,576	7,339	8,356	106,881	109,449	110,667
Michigan	10,152	10,651	135,585	138,988	143,007	2,988	7,462	79,108	85,814	89,606
Wisconsin	6,090	4,805	76,973	73,518	74,470	1,991	1,685	42,959	40,934	40,953
West North Central	23,099	21,341	284,485	284,931	[a]289,039	10,998	11,125	174,927	173,835	175,055
Minnesota	5,813	5,443	66,645	66,943	[a]68,233	2,045	2,252	37,432	37,945	37,825
Iowa	3,801	3,825	45,631	46,617	48,050	1,907	1,671	27,447	27,063	27,527
Missouri	5,957	4,843	78,843	77,883	79,623	3,394	2,976	54,798	53,265	55,518
North Dakota	1,079	1,121	13,608	13,415	12,939	347	430	6,166	6,182	6,139
South Dakota	891	990	12,665	12,679	13,013	540	674	8,343	8,708	8,929
Nebraska	2,080	1,877	26,849	27,155	27,851	889	959	14,081	14,418	14,189
Kansas	3,478	3,242	40,244	40,239	39,330	1,876	2,163	26,660	26,254	24,928
South Atlantic	48,564	48,664	563,479	550,349	[a]547,459	32,281	33,939	428,371	420,099	413,471
Delaware	906	784	9,510	9,372	9,544	340	306	4,826	4,561	4,423
Maryland	4,885	4,599	57,065	54,137	52,284	3,438	3,519	47,467	46,840	45,967
District of Columbia	2,007	1,505	18,638	17,801	17,835	387	389	5,698	5,310	5,182
Virginia	6,023	6,155	77,783	76,266	75,042	4,969	4,793	62,265	61,460	60,193
West Virginia	2,130	2,206	28,203	28,503	[a]29,923	1,255	1,469	16,467	16,734	17,451
North Carolina	7,408	7,329	86,692	84,470	85,123	4,394	4,110	51,023	48,040	46,341
South Carolina	4,214	4,379	49,418	49,605	49,805	4,511	5,156	53,507	55,008	53,923
Georgia	8,461	9,146	91,924	91,991	95,980	3,020	4,061	71,704	70,486	69,416
Florida	12,530	12,561	144,246	138,204	131,923	9,967	10,136	115,414	111,660	110,575
East South Central	19,070	18,524	235,436	236,724	244,630	13,855	14,528	169,873	169,914	170,091
Kentucky	3,834	4,220	57,055	58,047	60,778	2,664	3,407	35,141	35,201	34,291
Tennessee	6,555	6,083	71,744	71,696	73,500	4,820	5,020	58,542	59,865	58,751
Alabama	4,742	4,302	61,040	61,139	62,814	3,873	3,498	48,545	47,318	49,006
Mississippi	3,939	3,919	45,597	45,842	47,538	2,498	2,603	27,645	27,530	28,043
West South Central	45,830	42,736	489,907	455,905	435,463	25,914	30,611	324,567	311,358	300,482
Arkansas	3,306	3,360	34,166	35,386	36,863	2,650	2,611	28,000	26,724	25,197
Louisiana	5,442	6,402	85,100	81,995	79,202	2,905	3,607	43,284	44,139	41,658
Oklahoma	4,785	4,790	55,494	51,252	50,681	4,135	4,656	47,930	48,127	46,509
Texas	32,297	28,184	315,147	287,272	268,717	16,224	19,737	205,353	192,368	187,118
Mountain	17,883	19,606	231,226	231,853	225,939	[1]9,514	[1]11,362	[1]129,397	[1]133,366	241,393
Montana	1,055	1,088	14,222	13,939	13,928	575	618	8,169	8,221	8,367
Idaho	1,654	1,630	19,351	19,379	19,495	1,086	1,222	13,964	14,372	13,084
Wyoming	881	787	10,050	10,162	9,539	554	564	6,685	7,052	6,825
Colorado	4,702	4,980	55,116	52,654	50,279	1,546	2,616	35,340	36,461	34,078
New Mexico[3]	1,351	2,332	23,711	28,262	25,661	1,592	1,714	17,453	17,130	16,324
Arizona[4]	4,302	4,323	52,565	51,322	50,173	2,729	3,077	29,084	31,784	30,230
Utah	2,952	3,095	43,188	41,973	43,708	1,432	1,551	18,702	18,346	17,074
Nevada	986	1,371	13,023	14,162	13,156	---	---	---	---	115,411
Pacific	67,083	52,317	573,350	564,934	[a]541,196	28,066	25,544	321,422	304,474	[a]305,092
Washington	7,150	3,773	66,327	70,274	67,972	3,545	3,722	46,972	48,901	46,617
Oregon	3,370	3,622	42,129	44,425	43,998	2,064	2,130	24,057	22,747	23,115
California	[5]53,908	[5]42,644	435,019	422,066	[a]401,581	20,721	18,164	230,694	214,708	[a]218,404
Alaska	1,000	778	11,068	9,928	9,368	651	541	6,330	5,809	5,286
Hawaii	1,655	1,500	18,807	18,241	18,277	1,085	987	13,369	12,309	11,670
New York City[3]	9,555	9,517	111,405	108,582	106,967	4,905	4,876	68,908	63,965	60,753
Puerto Rico	4,467	3,743	56,558	60,289	---	2,954	2,490	26,377	27,608	---

[1] Excludes figures for State shown below as not available.
[2] Includes figures shown below for New York City.
[3] Figures for marriages are marriage licenses issued.
[4] Figures for marriages are marriage licenses issued for some counties.
[5] Figure is for a 5 week reporting period.
[a] Revised.

Table 2. Deaths and infant deaths: each reporting area, December 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Number of events reported; see Technical notes]

Area	Deaths (all ages)					Infant deaths (under 1 year)				
	December		January-December			December		January-December		
	1982	1981	1982	1981	1980	1982	1981	1982	1981	1980
New England	10,801	7,944	113,224	107,670	113,639	138	[a]136	1,685	[a]1,585	[a]1,614
Maine	725	972	10,045	10,382	10,857	10	20	151	158	140
New Hampshire	586	578	7,416	7,577	7,547	5	17	119	126	111
Vermont	243	372	4,472	4,502	4,312	4	2	61	59	63
Massachusetts	6,094	2,800	56,629	49,899	54,773	80	[a]26	807	[a]715	803
Rhode Island	765	864	9,089	9,384	9,553	9	18	143	174	150
Connecticut	2,388	2,358	25,573	25,926	26,597	30	53	404	353	[a]347
Middle Atlantic	29,785	[a]30,756	350,609	[a]356,308	355,896	475	465	5,692	5,960	6,461
New York[1]	13,965	14,201	166,761	169,249	167,769	252	242	3,128	3,062	3,210
New Jersey	5,395	[a]6,004	64,916	[a]66,999	64,727	93	84	1,057	1,062	1,072
Pennsylvania	10,425	10,551	118,932	120,060	123,400	130	139	1,507	1,836	2,179
East North Central	31,314	31,475	354,415	360,069	[a]359,924	652	653	7,203	7,773	[a]8,188
Ohio	8,237	8,815	93,647	97,840	97,779	146	142	1,713	1,872	2,020
Indiana	4,106	4,402	46,843	48,110	46,721	95	75	945	989	983
Illinois	9,022	9,067	97,688	99,121	[a]100,450	248	238	2,398	2,474	[a]2,696
Michigan	6,519	6,600	74,537	75,166	74,002	123	148	1,583	1,810	1,794
Wisconsin	3,430	2,591	41,700	39,832	40,972	40	50	564	628	695
West North Central	13,321	13,133	157,250	156,376	[a]158,035	265	277	2,968	3,240	[a]3,316
Minnesota	3,025	2,846	33,342	32,207	[a]33,048	66	51	626	682	[a]694
Iowa	2,389	2,379	26,792	26,798	26,714	47	40	405	446	530
Missouri	3,734	3,816	48,925	49,815	49,881	74	81	989	1,123	1,113
North Dakota	476	484	5,685	5,786	5,850	13	15	173	179	157
South Dakota	544	573	6,515	6,291	6,462	11	9	106	126	125
Nebraska	1,407	1,072	14,681	14,322	14,681	23	34	280	275	320
Kansas	1,746	1,963	21,310	21,157	21,399	31	47	389	409	377
South Atlantic	30,212	30,856	335,068	[a]341,155	332,442	633	700	7,312	[a]7,643	[a]7,730
Delaware	436	440	5,131	5,169	5,201	12	13	112	114	123
Maryland	3,007	3,013	33,313	33,474	33,337	48	61	587	594	[a]614
District of Columbia	762	811	8,462	[a]8,913	9,165	29	43	409	[a]474	522
Virginia	3,506	3,656	41,291	41,539	41,889	81	79	941	939	970
West Virginia	1,751	1,862	19,137	19,469	19,120	28	34	309	395	384
North Carolina	4,344	4,444	48,968	49,752	49,059	108	102	1,195	1,154	1,236
South Carolina	2,173	2,239	24,364	24,578	24,337	61	64	760	761	769
Georgia	4,203	4,278	44,610	47,367	43,519	108	133	1,146	1,361	1,208
Florida	10,030	10,113	109,792	110,894	106,815	158	171	1,853	1,851	1,904
East South Central	11,365	10,845	134,113	134,782	134,770	228	239	3,175	3,183	3,483
Kentucky	2,524	2,521	32,797	33,462	33,268	45	67	649	670	717
Tennessee	3,844	3,736	43,251	43,040	43,205	74	57	970	1,023	1,065
Alabama	3,055	2,682	35,101	35,180	35,386	48	58	863	811	946
Mississippi	1,942	1,906	22,964	23,100	22,911	61	57	693	679	755
West South Central	16,096	16,922	202,458	199,018	195,085	469	466	5,582	5,643	5,434
Arkansas	1,633	2,068	21,995	22,224	22,565	32	27	338	381	431
Louisiana	2,724	2,714	36,071	36,289	35,626	77	110	1,103	1,144	1,222
Oklahoma	2,447	2,413	28,533	27,801	28,308	65	57	634	594	655
Texas	9,292	9,727	115,859	112,704	108,586	295	272	3,507	3,524	3,226
Mountain	7,228	6,598	82,997	82,507	81,241	184	201	2,317	2,388	2,529
Montana	564	579	6,545	6,692	6,592	18	19	105	134	142
Idaho	553	528	6,611	6,612	6,431	8	17	167	141	151
Wyoming	227	237	3,018	2,969	3,062	4	6	63	68	63
Colorado	1,733	1,804	20,184	20,053	19,503	44	48	553	564	555
New Mexico	1,139	499	8,260	8,871	9,080	32	12	235	245	272
Arizona	1,782	1,847	22,613	22,348	21,609	26	44	525	634	684
Utah	647	588	8,997	8,445	8,556	38	36	514	442	505
Nevada	583	516	6,769	6,517	6,408	14	19	155	160	157
Pacific	28,782	22,295	254,551	249,763	[a]251,417	635	[a]507	5,695	[a]5,829	[a]6,247
Washington	3,354	3,111	33,472	33,158	32,495	50	[a]70	628	[a]730	789
Oregon	1,960	1,847	21,648	21,857	21,793	35	30	453	498	556
California	[2]22,867	[2]16,762	192,171	187,658	[a]190,247	[2]525	[2]384	4,317	4,274	[a]4,593
Alaska	162	143	1,770	1,808	1,692	17	8	130	135	115
Hawaii	439	432	5,490	5,282	5,190	8	15	167	192	194
New York City	6,632	6,810	73,095	73,669	76,709	140	135	1,697	1,689	1,711
Puerto Rico	1,213	962	17,673	17,552	---	65	50	930	978	---

[1] Includes figures shown below for New York City.
[2] Figure is for a 5-week reporting period.
[a] Revised.

Table 3. Divorces: each reporting area, December 1981 and 1982, and cumulative figures, 1980-82

[By place of occurrence. Includes reported annulments. Number of events reported; see Technical notes]

Area	December		January-December		
	1982	1981	1982	1981	1980
Total, 49 areas	99,989	102,509	1,119,425	1,157,898	[a]1,115,309
Alabama	1,949	1,791	25,217	26,640	26,856
Alaska	350	300	3,629	3,555	3,435
Arizona	1,605	1,866	20,168	20,988	19,921
Arkansas	1,178	1,385	15,716	18,419	21,778
California	15,667	[a]14,014	138,435	[a]134,371	[a]134,309
Colorado	1,223	1,333	17,189	18,373	18,155
Connecticut	982	1,098	10,870	12,049	[a]11,935
Delaware	322	532	3,214	2,921	2,313
District of Columbia	244	166	3,418	3,649	3,473
Florida	6,392	6,591	71,483	75,503	71,409
Georgia	663	2,058	32,091	35,294	33,636
Hawaii	470	388	4,290	4,256	4,386
Idaho	516	548	6,323	6,700	6,643
Illinois	5,327	4,649	50,247	52,851	50,465
Iowa	920	1,169	10,934	12,164	11,757
Kansas	1,058	1,197	12,717	14,430	13,399
Kentucky	1,695	1,513	16,768	17,644	16,988
Maine	451	562	5,830	6,356	6,239
Maryland	1,447	1,824	14,974	16,054	16,293
Massachusetts	1,435	911	20,779	19,145	16,487
Michigan	2,022	4,619	38,228	46,407	40,850
Minnesota	1,245	1,446	14,397	15,906	15,132
Mississippi	1,213	1,116	13,264	13,143	13,458
Missouri	2,691	1,744	27,223	27,295	27,820
Montana	392	448	4,630	5,017	4,963
Nebraska	540	615	6,508	6,846	6,481
Nevada	1,121	1,176	12,248	12,164	13,659
New Hampshire	544	[a]765	5,032	[a]5,182	5,222
New Jersey	2,577	2,887	28,643	28,923	[a]25,910
New Mexico[1]	847	926	9,576	10,592	10,444
New York	5,609	5,054	62,585	63,148	54,224
North Carolina	2,592	2,453	29,715	29,692	28,161
North Dakota	187	213	2,212	2,319	2,142
Ohio	5,370	4,745	53,911	58,291	58,225
Oklahoma	1,863	1,918	23,926	24,989	24,226
Oregon	1,384	1,543	16,545	17,714	17,925
Pennsylvania	3,632	4,046	38,523	39,147	34,553
Rhode Island	332	249	3,618	3,408	3,583
South Carolina	1,097	1,153	13,677	14,137	13,810
South Dakota	198	271	2,572	2,781	2,823
Tennessee	2,341	2,614	29,970	31,816	30,100
Texas	8,521	9,326	101,580	99,021	97,161
Utah	786	789	8,347	8,259	7,957
Vermont	309	246	2,627	2,350	2,522
Virginia	2,871	2,753	26,262	25,269	23,608
Washington	2,865	2,868	27,772	29,195	28,424
West Virginia	1,160	913	10,352	11,064	9,915
Wisconsin	1,481	1,389	17,278	18,309	17,864
Wyoming	305	329	3,912	4,152	3,970

[1] Figures include estimates for some counties.

[a] Revised.

Table 4. Births and marriages and seasonally adjusted and unadjusted rates, by month: United States, December 1981-December 1982

Period	Births				Marriages			
	Number	Rate per 1,000 population	Rate per 1,000 women 15-44		Number	Rate per 1,000 population	Rate per 1,000 women 15-44	
			Unadjusted	Seasonally adjusted[1]			Unadjusted	Seasonally adjusted[1]
1981:								
December	307,000	15.7	66.7	68.0	200,000	10.2	43.4	44.7
1982:								
January	[a]311,000	[a]15.9	[a]67.5	[a]69.3	[a]133,000	[a]6.8	[a]28.8	[a]43.3
February	[a]281,000	[a]15.9	[a]67.4	68.1	[a]141,000	[a]8.0	[a]33.8	[a]44.2
March	[a]298,000	[a]15.2	[a]64.6	[a]65.7	[a]164,000	[a]8.4	[a]35.6	[a]43.6
April	[a]286,000	15.1	[a]64.0	[a]67.4	[a]193,000	[a]10.2	[a]43.1	[a]45.2
May	[a]305,000	15.5	[a]65.8	[a]68.2	239,000	12.2	51.7	49.1
June	[a]302,000	[a]15.9	[a]67.3	[a]68.3	290,000	15.3	[a]64.7	46.2
July	[a]339,000	17.2	[a]73.0	[a]69.5	250,000	12.7	53.8	46.2
August	[a]323,000	16.4	[a]70.0	[a]65.6	[a]253,000	[a]12.9	[a]54.5	[a]43.9
September	[a]315,000	[a]16.5	[a]70.0	[a]65.8	[a]237,000	[a]12.4	[a]52.7	[a]47.0
October	[a]323,000	16.4	[a]69.3	[a]68.3	225,000	11.4	[a]48.4	[a]50.0
November	300,000	15.7	67.2	68.6	181,000	9.5	40.4	44.5
December	320,000	16.2	68.7	70.0	188,000	9.5	40.4	41.5

[1]The method of seasonal adjustment, developed by the U.S. Bureau of the Census, is described in The X-11 Variant of the Census Method II Seasonal Adjustment Program, Technical Paper No. 15, November 1965. Marriage rates were adjusted for monthly variations in the number of specified days of the week (Sundays, Mondays, and so forth). The adjustment was introduced because marriages are more likely on some days (especially Saturdays) than on others.
[a]Revised.

Table 5. Deaths in the sample and estimated death rates, by age, race, and sex: United States, November 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with November 1981 and 1982

[Rates on an annual basis per 1,000 estimated population for specified group]

Age, race, and sex	November				January-November				12 months ending with November			
	1982		1981		1982		1981		1982		1981	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All races	15,640	8.2	15,608	8.3	180,423	8.5	180,070	8.7	197,550	8.6	198,072	8.7
Male	8,387	9.1	8,498	9.3	96,756	9.4	97,159	9.6	105,878	9.4	106,736	9.7
Female	7,253	7.4	7,110	7.3	83,667	7.7	82,911	7.7	91,672	7.7	91,336	7.8
White	13,708	8.4	13,699	8.5	157,923	8.7	157,668	8.8	172,924	8.7	173,287	8.9
Male	7,293	9.2	7,413	9.4	84,003	9.5	84,603	9.7	91,921	9.5	92,834	9.8
Female	6,415	7.7	6,286	7.6	73,920	8.0	73,065	8.0	81,003	8.0	80,453	8.1
All other	1,932	6.9	1,909	7.0	22,500	7.3	22,402	7.5	24,626	7.3	24,785	7.6
Male	1,094	8.3	1,085	8.4	12,753	8.7	12,556	8.8	13,957	8.7	13,902	8.9
Female	838	5.7	824	5.8	9,747	6.0	9,846	6.3	10,669	6.0	10,883	6.3
Black	1,787	7.8	---	---	20,686	8.2	---	---	---	---	---	---
Male	1,001	9.3	---	---	11,645	9.8	---	---	---	---	---	---
Female	786	6.5	---	---	9,041	6.8	---	---	---	---	---	---
Under 1 year	361	11.9	354	11.8	3,827	11.4	3,921	12.0	4,200	11.6	4,287	12.1
1-14 years	112	0.3	126	0.3	1,572	0.4	1,691	0.4	1,720	0.4	1,854	0.4
15-24 years	336	1.0	359	1.0	3,951	1.0	4,064	1.1	4,309	1.0	4,452	1.1
25-34 years	373	1.1	394	1.2	4,561	1.3	4,760	1.4	5,024	1.3	5,139	1.3
35-44 years	469	2.0	478	2.2	5,330	2.1	5,440	2.3	5,853	2.1	5,983	2.3
45-54 years	958	5.2	1,026	5.5	11,380	5.5	11,930	5.8	12,390	5.5	13,161	5.9
55-64 years	2,216	12.2	2,313	12.8	25,975	12.8	26,628	13.4	28,454	12.9	29,262	13.4
65-74 years	3,778	28.4	3,606	27.5	42,513	28.8	42,306	29.4	46,572	28.9	46,439	29.5
75-84 years	4,111	60.2	4,101	61.9	47,478	63.2	46,555	64.3	51,912	63.0	51,317	64.7
85 years and over	2,916	141.0	2,839	143.1	33,760	149.1	32,684	152.6	37,031	149.1	36,077	153.0
Not stated	10	...	12	...	76	...	91	...	85	...	101	...

Table 6. Deaths in the sample and estimated death rates for 72 selected causes: United States, November 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with November 1981 and 1982

[Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes]

Cause of death (Ninth Revision International Classification of Diseases, 1975)		November				January-November				12 months ending with November			
		1982		1981		1982		1981		1982		1981	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
All causes		15,640	820.8	15,608	831.1	180,423	854.6	180,070	867.0	197,550	855.1	198,072	871.7
Shigellosis and amebiasis	004,006	-	-	2	0.1	2	0.0	3	0.0	2	0.0	3	0.0
Certain other intestinal infections	007-009	4	0.2	2	0.1	30	0.1	33	0.2	36	0.2	37	0.2
Tuberculosis	010-018	15	0.8	13	0.7	179	0.8	161	0.8	196	0.8	184	0.8
Tuberculosis of respiratory system	010-012	14	0.7	11	0.6	154	0.7	135	0.6	169	0.7	158	0.7
Other tuberculosis	013-018	1	0.1	2	0.1	25	0.1	26	0.1	27	0.1	26	0.1
Whooping cough	033	-	-	-	-	-	-	1	0.0	-	-	1	0.0
Streptococcal sore throat, scarlatina, and erysipelas	034-035	-	-	-	-	4	0.0	1	0.0	4	0.0	1	0.0
Meningococcal infection	036	2	0.1	2	0.1	36	0.2	58	0.3	38	0.2	59	0.3
Septicemia	038	111	5.8	94	5.0	1,029	4.9	919	4.4	1,116	4.8	1,019	4.5
Acute poliomyelitis	045	-	-	-	-	3	0.0	3	0.0	3	0.0	4	0.0
Measles	055	-	-	-	-	-	-	-	-	-	-	-	-
Viral hepatitis	070	4	0.2	3	0.2	71	0.3	71	0.3	76	0.3	83	0.4
Syphilis	090-097	-	-	3	0.2	6	0.0	17	0.1	8	0.0	17	0.1
All other infectious and parasitic diseases	001-003,005,020-032,037,039-041,046-054,056-066,071-088,098-139	38	2.0	37	2.0	372	1.8	376	1.8	405	1.8	420	1.8
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-208	3,446	180.9	3,348	178.3	39,728	188.2	38,466	185.2	43,211	187.0	42,060	185.1
Malignant neoplasms of lip, oral cavity, and pharynx	140-149	62	3.3	53	2.8	770	3.6	741	3.6	844	3.7	807	3.6
Malignant neoplasms of digestive organs and peritoneum	150-159	862	45.2	890	47.4	10,210	48.4	10,153	48.9	11,065	47.9	11,089	48.8
Malignant neoplasms of respiratory and intrathoracic organs	160-165	937	49.2	922	49.1	10,541	49.9	10,211	49.2	11,451	49.6	11,114	48.9
Malignant neoplasm of breast	174-175	279	14.6	287	15.3	3,398	16.1	3,322	16.0	3,732	16.2	3,637	16.0
Malignant neoplasms of genital organs	179-187	380	19.9	375	20.0	4,350	20.6	4,164	20.0	4,747	20.5	4,560	20.1
Malignant neoplasms of urinary organs	188-189	149	7.8	124	6.6	1,711	8.1	1,586	7.6	1,883	8.2	1,746	7.7
Malignant neoplasms of all other and unspecified sites	170-173,190-199	432	22.7	421	22.4	5,119	24.2	4,888	23.5	5,564	24.1	5,362	23.6
Leukemia	204-208	153	8.0	121	6.4	1,548	7.3	1,417	6.8	1,684	7.3	1,576	6.9
Other malignant neoplasms of lymphatic and hematopoietic tissues	200-203	192	10.1	155	8.3	2,081	9.9	1,984	9.6	2,241	9.7	2,169	9.5
Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature	210-239	54	2.8	52	2.8	672	3.2	616	3.0	739	3.2	664	2.9
Diabetes mellitus	250	278	14.6	271	14.4	2,995	14.2	3,121	15.0	3,315	14.3	3,407	15.0
Nutritional deficiencies	260-269	15	0.8	7	0.4	224	1.1	185	0.9	240	1.0	213	0.9
Anemias	280-285	23	1.2	27	1.4	288	1.4	327	1.6	312	1.4	357	1.6
Meningitis	320-322	7	0.4	12	0.6	112	0.5	116	0.6	122	0.5	125	0.6
Major cardiovascular diseases	390-448	7,614	399.6	7,696	409.8	88,146	417.5	88,145	424.4	96,777	418.9	97,328	428.3
Diseases of heart	390-398,402,404-429	5,934	311.4	5,967	317.7	68,759	325.7	68,316	328.9	75,476	326.7	75,419	331.9
Rheumatic fever and rheumatic heart disease	390-398	48	2.5	61	3.2	615	2.9	705	3.4	676	2.9	780	3.4
Hypertensive heart disease	402	168	8.8	183	9.7	1,870	8.9	1,874	9.0	2,064	8.9	2,069	9.1
Hypertensive heart and renal disease	404	29	1.5	20	1.1	266	1.3	279	1.3	289	1.3	306	1.3
Ischemic heart disease	410-414	4,306	226.0	4,355	231.9	50,273	238.1	50,426	242.8	55,174	238.8	55,660	244.9
Acute myocardial infarction	410	2,272	119.2	2,299	122.4	26,309	124.6	26,379	127.0	28,871	125.0	29,160	128.3
Other acute and subacute forms of ischemic heart disease	411	33	1.7	33	1.8	412	2.0	381	1.8	463	2.0	416	1.8
Angina pectoris	413	1	0.1	2	0.1	34	0.2	41	0.2	38	0.2	43	0.2
Old myocardial infarction and other forms of chronic ischemic heart disease	412,414	2,000	105.0	2,021	107.6	23,518	111.4	23,625	113.7	25,802	111.7	26,041	114.6
Other diseases of endocardium	424	59	3.1	41	2.2	672	3.2	619	3.0	739	3.2	676	3.0
All other forms of heart disease	415-423,425-429	1,324	69.5	1,307	69.6	15,063	71.3	14,413	69.4	16,534	71.6	15,928	70.1
Hypertension with or without renal disease	401,403	55	2.9	63	3.4	679	3.2	727	3.5	729	3.2	797	3.5
Cerebrovascular diseases	430-438	1,232	64.7	1,288	68.6	14,489	68.6	14,735	70.9	15,960	69.1	16,288	71.7
Intracerebral and other intracranial hemorrhage	431-432	162	8.5	159	8.5	1,827	8.7	1,805	8.7	2,024	8.8	1,996	8.8
Cerebral thrombosis and unspecified occlusion of cerebral arteries	434.0,434.9	195	10.2	258	13.7	2,580	12.2	2,794	13.5	2,860	12.4	3,094	13.6
Cerebral embolism	434.1	3	0.2	11	0.6	69	0.3	67	0.3	76	0.3	72	0.3
All other and late effects of cerebrovascular diseases	430,433,435-438	872	45.8	860	45.8	10,013	47.4	10,069	48.5	11,000	47.6	11,126	49.0
Atherosclerosis	440	224	11.8	217	11.6	2,405	11.4	2,621	12.6	2,630	11.4	2,909	12.8
Other diseases of arteries, arterioles, and capillaries	441-448	169	8.9	161	8.6	1,814	8.6	1,746	8.4	1,962	8.6	1,915	8.4

Acute bronchitis and bronchiolitis	466	5	0.3	9	0.5	41	0.2	61	0.3	42	0.2	63	0.3
Pneumonia and influenza	480-487	374	19.6	376	20.0	4,436	21.0	4,965	23.9	4,859	21.0	5,504	24.2
Pneumonia	480-486	372	19.5	370	19.7	4,365	20.7	4,653	22.4	4,783	20.7	5,155	22.7
Influenza	487	2	0.1	6	0.3	71	0.3	312	1.5	76	0.3	349	1.5
Chronic obstructive pulmonary diseases and allied conditions	490-496	469	24.6	422	22.5	5,451	25.8	5,432	26.2	5,946	25.7	5,982	26.3
Bronchitis, chronic and unspecified	490-491	31	1.6	37	2.0	328	1.6	353	1.7	364	1.6	395	1.7
Emphysema	492	107	5.6	97	5.2	1,167	5.5	1,226	5.9	1,284	5.6	1,358	6.0
Asthma	493	20	1.0	27	1.4	266	1.3	291	1.4	287	1.2	318	1.4
Other chronic obstructive pulmonary diseases and allied conditions	494-496	311	16.3	261	13.9	3,690	17.5	3,562	17.1	4,011	17.4	3,911	17.2
Ulcer of stomach and duodenum	531-533	49	2.6	60	3.2	608	2.9	612	2.9	682	3.0	671	3.0
Appendicitis	540-543	6	0.3	4	0.2	44	0.2	62	0.3	50	0.2	66	0.3
Hernia of abdominal cavity and intestinal obstruction without mention of hernia	550-553,560	36	1.9	52	2.8	448	2.1	446	2.1	478	2.1	488	2.1
Chronic liver disease and cirrhosis	571	225	11.8	222	11.8	2,476	11.7	2,689	12.9	2,708	11.7	2,974	13.1
Cholelithiasis and other disorders of gallbladder	574-575	27	1.4	19	1.0	262	1.2	265	1.3	289	1.3	293	1.3
Nephritis, nephrotic syndrome, and nephrosis	580-589	143	7.5	139	7.4	1,681	8.0	1,578	7.6	1,839	8.0	1,731	7.8
Acute glomerulonephritis and nephrotic syndrome	580-581	2	0.1	5	0.3	27	0.1	26	0.1	29	0.1	31	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified	582-583,587	12	0.6	13	0.7	156	0.7	156	0.8	173	0.7	180	0.8
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause	584-586,588-589	129	6.8	121	6.4	1,498	7.1	1,396	6.7	1,637	7.1	1,520	6.7
Infections of kidney	590	19	1.0	20	1.1	198	0.9	225	1.1	214	0.9	248	1.1
Hyperplasia of prostate	600	3	0.2	4	0.2	45	0.2	48	0.2	50	0.2	58	0.3
Complications of pregnancy, childbirth, and the puerperium	630-676	3	0.2	-	-	30	0.1	27	0.1	37	0.2	33	0.1
Pregnancy with abortive outcome	630-638	2	0.1	-	-	8	0.0	3	0.0	10	0.0	3	0.0
Other complications of pregnancy, childbirth, and the puerperium	640-676	1	0.1	-	-	22	0.1	24	0.1	27	0.1	30	0.1
Congenital anomalies	740-759	97	5.1	102	5.4	1,191	5.6	1,197	5.8	1,319	5.7	1,293	5.7
Certain conditions originating in the perinatal period	760-779	184	9.7	171	9.1	1,913	9.1	1,941	9.3	2,088	9.0	2,121	9.3
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome	767-769	62	3.3	48	2.6	564	2.7	602	2.9	619	2.7	669	2.9
Other conditions originating in the perinatal period	760-766,770-779	122	6.4	123	6.5	1,349	6.4	1,339	6.4	1,469	6.4	1,452	6.4
Symptoms, signs, and ill-defined conditions	780-799	310	16.3	301	16.0	3,516	16.7	3,418	16.5	3,846	16.6	3,746	16.5
All other diseases	Residual	944	49.5	948	50.5	10,844	51.4	10,573	50.9	11,890	51.5	11,572	50.9
Accidents and adverse effects	E800-E949	743	39.0	766	40.8	8,631	40.9	9,106	43.8	9,459	40.9	9,984	43.9
Motor vehicle accidents	E810-E825	367	19.3	399	21.2	4,121	19.5	4,601	22.2	4,521	19.6	5,026	22.1
All other accidents and adverse effects	E800-E807,E826-E949	376	19.7	367	19.5	4,510	21.4	4,505	21.7	4,938	21.4	4,958	21.8
Suicide	E950-E959	201	10.5	206	11.0	2,453	11.6	2,367	11.4	2,694	11.7	2,599	11.4
Homicide and legal intervention	E960-E978	167	8.8	199	10.6	2,011	9.5	2,156	10.4	2,186	9.5	2,353	10.4
All other external causes	E980-E999	24	1.3	20	1.1	247	1.2	283	1.4	274	1.2	311	1.4

Table 7. Deaths under 1 year in the sample and estimated infant mortality rates, by age and for 10 selected causes: United States, November 1981 and 1982, cumulative figures 1981 and 1982, and 12 months ending with November 1981 and 1982

(Rates on an annual basis per 100,000 estimated population. For method of computation, see Technical notes)

Age and cause of death (Ninth Revision International Classification of Diseases, 1975)	November				January–November				12 months ending with November			
	1982		1981		1982		1981		1982		1981	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total, under 1 year	361	10.9	354	11.9	3,827	11.3	3,921	11.8	4,200	11.3	4,287	11.8
Under 28 days	244	7.4	232	7.9	2,598	7.7	2,632	7.9	2,837	7.6	2,871	7.9
28 days to 11 months	117	3.5	122	4.0	1,229	3.6	1,289	3.9	1,363	3.7	1,416	3.9
Certain gastrointestinal diseases (008,009,535,555-558)	3	0.1	1	0.0	24	0.1	28	0.1	26	0.1	32	0.1
Pneumonia and influenza (480-487)	7	0.2	3	0.1	69	0.2	64	0.2	76	0.2	71	0.2
Congenital anomalies (740-759)	73	2.2	74	2.5	806	2.4	813	2.4	882	2.4	879	2.4
Disorders relating to short gestation and unspecified low birthweight (765)	31	0.9	34	1.2	345	1.0	355	1.1	369	1.0	386	1.1
Birth trauma (767)	6	0.2	4	0.1	56	0.2	83	0.2	60	0.2	95	0.3
Intrauterine hypoxia and birth asphyxia (768)	17	0.5	9	0.3	143	0.4	131	0.4	155	0.4	141	0.4
Respiratory distress syndrome (769)	39	1.2	35	1.2	363	1.1	386	1.1	402	1.1	430	1.2
Other conditions originating in the perinatal period (760-764,766,770-779)	91	2.7	89	3.0	991	2.9	979	2.9	1,086	2.9	1,058	2.9
Sudden infant death syndrome (798.0)	35	1.0	36	1.2	412	1.2	450	1.3	457	1.2	502	1.4
All other causes (Residual)	59	1.8	69	2.3	619	1.8	632	1.9	687	1.8	693	1.9

(Continued from page 3)

estimated death rate decreased 3 percent for males (from 9.7 to 9.4 deaths per 1,000 population), 1 percent for females (from 7.8 to 7.7), 2 percent for the white population (from 8.9 to 8.7), and 4 percent for the population of all other races (from 7.6 to 7.3). By age, the death rate was lower for each age group 35-44 years and over.

The estimated death rate decreased between the two successive 12-month periods ending with November 1982 for the following causes: Diseases of heart, Cerebrovascular diseases, Pneumonia and influenza, Motor vehicle accidents, Diabetes mellitus, Chronic liver disease and cirrhosis, Atherosclerosis, Homicide and legal intervention, and Infections of kidney. The estimated death rate increased between the two successive 12-month periods for Malignant neoplasms of urinary organs.

The 4-percent decrease in infant mortality (from 11.8 deaths per 1,000 live births for the 12 months ending with November 1981 to 11.3 for the 12 months ending with November 1982) reflects a 4-percent decrease in the rate for infants under 28 days and a 5-percent decrease in the rate for infants 28 days to 11 months. The estimated infant mortality rate for infants under 28 days decreased from 7.9 to 7.6 deaths per 1,000 live births while the estimated rate for infants aged 28 days to 11 months decreased from 3.9 to 3.7 deaths per 1,000 live births.

Technical notes

Rates

Rates are on an annual basis per 1,000 estimated population residing in the United States unless otherwise specified. Monthly rates are based on populations estimated for specific months. Each 12-month cumulative rate is the sum of events for a 12-month period per 1,000 population estimated at the midpoint of the period. Infant mortality rates for current month and year-to-date are deaths under 1 year per 1,000 live births adjusted for monthly variation in the number of births; births used to compute rates for each 12-month period are not adjusted. Death rates by cause of death are per 100,000 estimated resident population.

Rates for 1980-82 were computed using population estimates based on the 1980 Census of Population and, therefore, are not strictly comparable with rates shown on the charts for earlier years.

Nature and sources of data

Data in this report are provisional and include only events occurring within the reporting areas. Mortality figures exclude fetal deaths. Data for the Commonwealth of Puerto Rico are not included in the U.S. totals.

Monthly figures shown for each State represent a count of certificates received in registration offices during a 1-month period regardless of date of the event. Delay in the receipt of certificates in a registration office may result in a low State count for a given month followed by a high count for the month(s) in which the delayed records are received. Cumulative figures for States and geographic divisions include revisions made to data for earlier months.

Provisional totals for the United States for births, marriages, divorces, and deaths include estimates for State data shown as not available. The estimates are made by assuming that the ratio between the number for a given State and the remainder of the geographic division is the same in the current year as it was in the previous year. Provisional U.S. totals of births and marriages for the entire United States are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Divorce figures include reported annulments. Reporting areas include about 95 percent of the population of the United States. The monthly national divorce estimate is obtained by multiplying the total for areas with timely reporting by the ratio observed between the final annual divorce total for the United States for 1979 and the provisional total for these areas combined.

10-percent sample

Deaths and death rates by cause, by age, and by race and sex are based on a 10-percent systematic sample taken from death certificates received in State vital statistics offices during a 1-month period regardless of date of the event. Complete information concerning the underlying cause of death is sometimes not available when the sample is drawn. As a result, estimates based on sample counts for certain causes are biased. Correction for bias is shown in the Annual Summary each year.

Estimated death rates by cause are adjusted proportionately to add to an independent estimate of the crude death rate for the United States. The independent estimate is based on the actual count of death certificates supplied by the States. Proportional

Number of deaths in sample for a group	*Percent error of estimate*	
	15,000 total deaths in sample each month	*180,000 total deaths in sample each year*
1	94.9	94.9
2	67.1	67.1
5	42.4	42.4
10	30.0	30.0
20	21.2	21.2
50	13.4	13.4
100	9.5	9.5
200	6.7	6.7
500	4.2	4.2
1,000	2.9	3.0
2,000	2.0	2.1
5,000	1.1	1.3
10,000	0.5	0.9
20,000	...	0.6
50,000	...	0.4
100,000	...	0.2

adjustment of the estimated death rates by age, race, and sex are made when 10 times the monthly sample count differs by more than 2 percent from the provisional count for the month; or when 10 times the sample count for 12 months ending with the current month differs by more than 0.5 percent from the provisional 12-month count. Infant mortality rates by cause are deaths in the sample per 1,000 live births adjusted for changing numbers of births.

Since the estimates of deaths and death rates presented in this report are based on a sample of the death certificates, they are subject to sampling variability. The percent errors shown in the table are measures of sampling variability. Values are shown for two different sized samples. The first column refers to the monthly sample size, the second to the annual; cumulative monthly totals shown during the year will be between the two. The percent errors apply to both frequencies and rates. Chances are about 2 out of 3 that the percent difference between a sample estimate and a complete count is less than the percent shown. Chances are about 19 out of 20 that the percent difference due to sampling variation is less than twice the percent shown.

Symbols

---	Data not available
. . .	Category not applicable
-	Quantity zero
0.0	Quantity more than 0 but less than 0.05
Z	Quantity more than zero but less than 500 where numbers are rounded to thousands
*	Figure does not meet standards of reliability or precision

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Public Health Service
National Center for Health Statistics
3700 East-West Highway
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